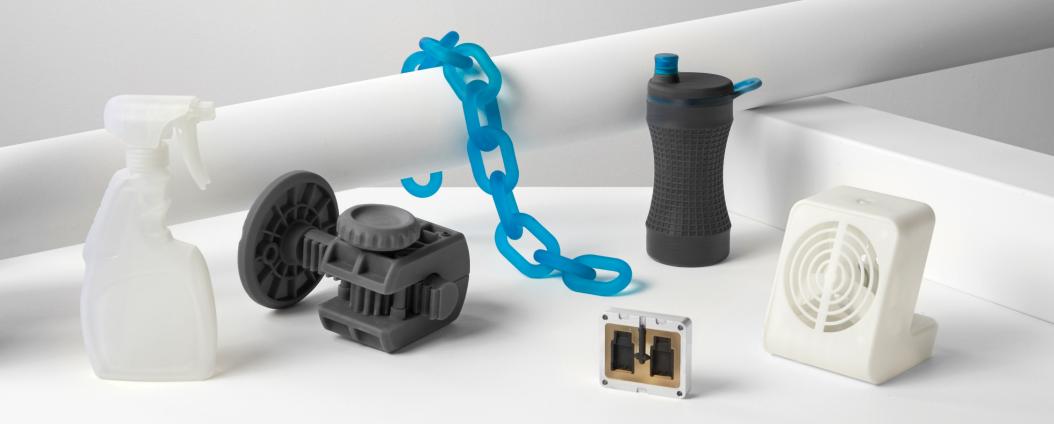
Materials Data Sheet

Photopolymer Resin for Form 1+ and Form 2



 Prepared
 09.18.2018

 Rev
 03
 01.07.2019



STANDARD RESINS

CLEAR FLGPCL04 | WHITE FLGPWH04 | GREY FLGPGR04 | BLACK FLGPBK04 | COLOR BASE FLGPCB01

	ME	METRIC ¹		RIAL ¹	METHOD
	Green ²	Post-Cured ³	Green ²	Post-Cured ³	
Tensile Properties					
Ultimate Tensile Strength	38 MPa	65 MPa	5510 psi	9380 psi	ASTM D 638-10
Tensile Modulus	1.6 GPa	2.8 GPa	234 ksi	402 ksi	ASTM D 638-10
Elongation at Failure	12 %	6.2 %	12 %	6.2 %	ASTM D 638-10
Flexural Properties					
Flexural Modulus	1.25 GPa	2.2 GPa	181 ksi	320 ksi	ASTM C 790-10
Impact Properties					
Notched IZOD	16 J/m	25 J/m	0.3 ft-lbf/in	0.46 ft-lbf/in	ASTM D 256-10
Temperature Properties					
Heat Deflection Temp. @ 264 psi	42.7 °C	58.4 °C	108.9 °F	137.1 °F	ASTM D 648-07
Heat Deflection Temp. @ 66 psi	49.7 °C	73.1 °C	121.5 °F	163.6 °F	ASTM D 648-07

GREY PRO RESIN

FLPRGR01

	METRIC ¹		IMPERIAL ¹		METHOD
	Green ²	Post-Cured ³	Green ²	Post-Cured ³	
Tensile Properties					
Ultimate Tensile Strength	35 MPa	61 MPa	5076 psi	8876 psi	ASTM D 638-14
Tensile Modulus	1.4 GPa	2.6 GPa	203 ksi	377 ksi	ASTM D 638-14
Elongation	32.5 %	13 %	32.5 %	13 %	ASTM D 638-14
Flexural Properties					
Flexural Stress at 5% Strain	39 MPa	86 MPa	5598 psi	12400 psi	ASTM D 790-15
Flexural Modulus	0.94 GPa	2.2 GPa	136 ksi	319 ksi	ASTM D 790-15
Impact Properties					
Notched IZOD	not tested	18.7 J/m	not tested	0.351 ft-lbf/in	ASTM D256-10
Temperature Properties					
Heat Deflection Temp. @ 1.8 MPa	not tested	62.4 C	not tested	144.3 °F	ASTM D 648-16
Heat Deflection Temp. @ 0.45 MPa	not tested	77.5 C	not tested	171.5 °F	ASTM D 648-16
Thermal Expansion (-30 to 30° C)	not tested	78.5 um/m/C	not tested	43.4 µin/in/°F	ASTM E 831-13

¹Material properties can vary with part geometry, print orientation, print settings, and temperature.

² Data was obtained from green parts, printed using Form 2, 100 µm, Clear settings, washed and air dried withou post cure. ^o Data was obtained from parts printed using Form 2, 100 μm, Clear settings, and post-cured with 1.25 mW/cm² of 405 nm LED light for 60 minutes at 60 °C. 'Material properties can vary with part geometry, print orientation, print settings, and temperature. ² Data was obtained from green parts, printed using Form 2, 100 µm, Grey Pro settings, washed and air dried without post cure. ³ Data was obtained from parts printed using Form 2, 100 µm, Grey Pro settings, and post-cured with a Form Cure for 120 minutes at 80 °C.

RIGID RESIN

FLRGWH01						
	MET	'RIC ¹	IMPE	RIAL ¹	METHOD	
	Green ²	Post-Cured ³	Green ²	Post-Cured ³		
Tensile Properties						
Ultimate Tensile Strength	40 MPa	75 MPa	5801 psi	10907 psi	ASTM D 638-14	
Tensile Modulus	2.2 GPa	4.1 GPa	319 ksi	594 ksi	ASTM D 638-14	
Elongation	13.3 %	5.6 %	13.3 %	5.6 %	ASTM D 638-14	
Flexural Properties						
Flexural Stress at 5% Strain	49 MPa	121 MPa	7135 psi	17593 psi	ASTM D 790-15	
Flexural Modulus	1.37 GPa	3.7 GPa	198 ksi	537 ksi	ASTM D 790-15	
Impact Properties						
Notched IZOD	not tested	18.8 J/m	not tested	0.37 ft-Ibf/in	ASTM D256-10	
Temperature Properties						
Heat Deflection Temp. @ 1.8 MPa	not tested	74 °C	not tested	165.2 °F	ASTM D 648-16	
Heat Deflection Temp. @ 0.45 MPa	not tested	88 °C	not tested	190.4 °F	ASTM D 648-16	
Thermal Expansion (-30 to 30° C)	not tested	53 µm/m/°C	not tested	29.5 µin/in/°F	ASTM E 831-13	

¹Material properties can vary with part geometry, print orientation, print settings, and temperature. printed using Form 2, 100 µm, Rigid settings, washed and air dried without post cure.

Data was obtained from parts printed using Form 2, 100 µm, Rigid settings, and post-cured with a Form Cure for 120 minutes at 80 °C.

terial properties can vary with part metry, print orientation, print settings, temperature.

² Data was obtained from green parts, printed using Form 2, 100 µm, Tough settings, washed and air dried withou post cure. ²Data was obtained from parts printed using Form 2, 100 μm, Tough settings, and post-cured with 2.5 mW/cm² of 405 nm LED light for 120 minutes at 60 °C.

from parts printed

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TOUGH RESIN FLTOTL05

	MET	METRIC ¹		RIAL ¹	METHOD
	Green ²	Post-Cured ³	Green ²	Post-Cured ³	
Mechanical Properties					
Ultimate Tensile Strength	34.7 MPa	55.7 MPa	5040 psi	8080 psi	ASTM D 638-14
Tensile Modulus	1.7 GPa	2.7 GPa	239 ksi	387 ksi	ASTM D 638-14
Elongation at Break	42 %	24 %	42 %	24 %	ASTM D 638-14
Flexural Strength at 5% Strain	20.8 MPa	60.6 MPa	3020 psi	8790 psi	ASTM D 790-15
Flexural Modulus	0.6 GPa	1.6 GPa	90.3 ksi	241 ksi	ASTM D 790-15
Notched IZOD	32.6 J/m	38 J/m	0.61 ft-Ibf/in	0.71 ft-Ibf/in	ASTM D256-10
Thermal Properties					
Heat Deflection Temp. @ 1.8 MPa	32.8 °C	45.9 °C	91.1 °F	114.6 °F	ASTM D 648-16
Heat Deflection Temp. @ 0.45 MPa	40.4 °C	48.5 °C	104.7 °F	119.3 °F	ASTM D 648-16
Thermal Expansion (23 – 50 °C)	159.7 µm/m/°C	119.4 µm/m/°C	88.7 µin/in/°F	66.3 µin/in/°F	ASTM E 831-13

FLDUCL02							
	MET	'RIC ¹	IMPE	RIAL ¹	METHOD		
	Green ²	Post-Cured ³	Green ²	Post-Cured ³			
Tensile Properties							
Ultimate Tensile Strength	18.6 MPa	31.8 MPa	2.7 ksi	4.61 ksi	ASTM D 638-10		
Tensile Modulus	0.45 GPa	1.26 GPa	65.7 ksi	183 ksi	ASTM D 638-10		
Elongation	67 %	49 %	67 %	49 %	ASTM D 638-10		
Flexural Properties							
Flexural Stress at 5% Strain	4.06 MPa	27.2 MPa	0.59 ksi	3.95 ksi	ASTM D 790-10, Procedure A		
Flexural Modulus	0.16 GPa	0.82 GPa	23.4 ksi	119 ksi	ASTM D 790-10, Procedure A		
Impact Properties							
Notched IZOD	130.8 J/m	109 J/m	2.46 ft-lbf/in	2.05 ft-lbf/in	ASTM D 256-10, Test Method A		
Temperature Properties							
Heat Deflection Temp. @ 0.45 MPa	< 30 °C	43.3 °C	< 86 °F	110 °F	ASTM D 648-07, Method B		
Thermal Expansion (23 to 50° C)	117.0 µm/m/°C	145.1 µm/m/°C	65.0 µin/in/°F	80.6 µin/in/°F	ASTM E831-14		

FLEXIBLE RESIN

FLFLGR02

	MET	METRIC ¹		ERIAL ¹	METHOD	
	Green	Post-Cured ²	Green	Post-Cured ²		
Mechanical Properties						
Ultimate Tensile Strength ³	3.3 - 3.4 MPa	7.7 - 8.5 MPa	483 - 494 psi	1100 - 1230 psi	ASTM D 412-06 (A)	
Elongation at Failure ³	60 %	75 - 85 %	60 %	75 - 85 %	ASTM D 412-06 (A)	
Compression Set ⁴	0.40 %	0.40 %	0.40 %	0.40 %	ASTM D 395-03 (B)	
Tear Strength⁵	9.5 - 9.6 kN/m	13.3 - 14.1 kN/m	54 - 55 lbf/in	76 - 80 lbf/in	ASTM D 624-00	
Shore Hardness	70 - 75 A	80 - 85 A	70 - 75 A	80 - 85 A	ASTM 2240	
Thermal Properties						
Vicat Softening Point ⁶	231 °C	230 °C	448 °F	446 °F	ASTM D 1525-09	

geometry, print orientation, print settings and temperature.

² Data was obtained from parts printed using Form 2, 100 µm, Flexible settings, and post-cured with 80.5 mW/cm2 of 365 nm fluorescent light for 60 minutes.

⁴ Compression testing was performed at 23 °C after aging at 23 °C for 22 hours. 20 in/min cross head speed at 23 °C, using a Die C dumbbell and 20 in/ min cross head speed.

⁶ Thermal testing was performed after 40+ hours with a 10 N loading at 50 °C/hour. Cracks formed in samples during testing.

geometry, print orientation, print settings, and temperature.

² Data was obtained from green parts, printed using Form 2, 100 µm, Durable settings, washed and air dried without post cure ² Data was obtained from parts printed using Form 2, 100 μm, Durable settings, and post-cured with 2.5 mW/cm² of 405 nm LED light for 120 minutes at 60 °C.

HIGH TEMP RESIN

FLHTAM01

	METRIC ¹		IMPERIAL ¹		METHOD
	Green ²	Post-Cured ³	Green ²	Post-Cured ³	
Mechanical Properties					
Ultimate Tensile Strength	33 MPa	51.1 MPa	4790 psi	7410 psi	ASTM D 638-14
Tensile Modulus	1.5 GPa	3.6 GPa	222 ksi	525 ksi	ASTM D 638-14
Elongation at Break	9 %	2 %	9 %	2 %	ASTM D 638-14
Flexural Strength at Break	41.2 MPa	106.9 MPa	5980 psi	15500 psi	ASTM D 790-15
Flexural Modulus	1.1 GPa	3.3 GPa	158 ksi	478 ksi	ASTM D 790-15
Notched IZOD	12.3 J/m	14 J/m	0.23 ft-Ibf/in	0.26 ft-lbf/in	ASTM D 256-10
Water Absorption	N/A	0.21 %	N/A	0.21 %	ASTM D 570-98
Thermal Properties					
Heat Deflection Temp. @ 1.8 MPa	42.3 °C	130 °C	108.1 °F	266 °F	ASTM D 648-16
Heat Deflection Temp. @ 0.45 MPa	55.9 °C	289 °C	132.6 °F	552.2 °F	ASTM D 648-16
Thermal Expansion (0 – 150 °C)	120.9 µm/m/°C	87.5 µm/m/°C	67.2 µin/in/°F	48.6 µin/in/°F	ASTM E 831-13

Material properties can vary with part geometry, print orientation, print settings, and temperature.

²Data was obtained from green parts, printed using Form 2, 100 μm, High Temp settings, washed and air dried without post cure.

*Data was obtained from parts printed using Form 2, 100 µm, High Temp settings, and post-cured with 80.5 mW/cm² of 365 nm fluorescent light for 60 minutes, plus additional thermal post cure at 130 °C for 1 hour.

ELASTIC RESIN

FLELCL01							
	MET	TRIC ¹	IMP	ERIAL ¹	METHOD		
	Green	Post-Cured ²	Green	Post-Cured ²			
Ultimate tensile strength ³	1.61 MPa	3.23 MPa	234 psi	468 psi	ASTM D 412-06 (A)		
Stress at 50% elongation	.92 MPa	.94 MPa	133 psi	136 psi	ASTM D 412-06 (A)		
Stress at 100% elongation	1.54 MPa	1.59 MPa	223 psi	231 psi	ASTM D 412-06 (A)		
Elongation at Failure ³	100%	160%	100%	160%	ASTM D 412-06 (A)		
Compression set at 23C for 22 hrs	2%	2%	2%	2%	ASTM D 395-03 (B)		
Compression set at 70C for 22 hrs	3%	9%	3%	9%	ASTM D 395-03 (B)		
Tear strength ⁴	8.9 kN/m	19.1 kN/m	51 lbf/in	109 lbf/in	ASTM D 624-00		
Store hardness	40A	50A	40A	50A	ASTM 2240		

art geometry, print orientation rint settings and temperature ta was obtained from parts inted using Form 2, 100 µm, stic settings, washed in rm Wash for 20 minutes and stcured with Form Cure at 60C 20 minutes. " Tear testing was performed at 3+ hours at 23 °C, using a Die tear specimen and a 20 in/mil cross head speed

CASTABLE WAX RESIN

FLC	WP	U01	

	METRIC ¹	IMPERIAL ¹	METHOD
Tensile Properties ²			
Ultimate Tensile Strength	11.6 MPa	1680 psi	ASTM D 638-10
Tensile Modulus	220 MPa	32 ksi	ASTM D 638-10
Elongation at Break	13 %	13 %	ASTM D 638-10
Burnout Properties ²			
Temp @ 5% Mass Loss	249 °C	480 °F	ASTM E 1131
Ash content (TGA)	0.0-0.1%	0.0-0.1%	ASTM E 1131

CASTABLE RESIN

FLCABL02

	METRIC ¹		METHOD
Mechanical Properties ²			
Tensile Strength at Break	11.6 MPa	1680 psi	ASTM D 638-10
Tensile Modulus	220 MPa	32 ksi	ASTM D 638-10
Elongation at Failure	13 %	13 %	ASTM D 638-10

Material properties can vary with part geometry, print orientation, print settings, and temperature.

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² Data was obtained from parts printed using Form 2, Castable 50 µm Fine Detail settings, and post-cured with 2.5 mW/cm² of fluorescent bulb UV light, centere at 405 mm.

The Standard Burnout Schedule is designed to provide the maximum possible investment strength and complete burnout of the finest details using R&R Plasticast or similar investment materials. Use this schedule as a starting point and make adjustments as needed.

We specifically recommend Plasticast with BANDUST. If seeking alternatives, look for investments advertised to work with photopolymers. Customers have reported success with Kerr SatinCast and Omega+ by Goldstar Powders. You can also experiment with bonded investments, like those typically used for dental applications. Some casting houses have also developed proprietary investments.

JEWELRY CASTING BURNOUT SCHEDULE - CASTABLE RESIN

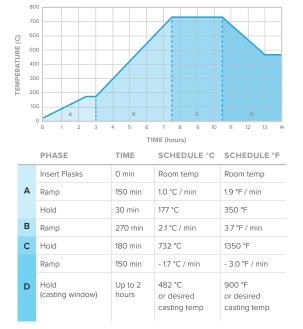
JEWELRY CASTING BURNOUT SCHEDULE - CASTABLE WAX RESIN

800 700 600 Ũ PERATURE 500 400 300 200 100 0 1 2 3 4 5 6 7 8 9 10 11 12 13 0 14 TIME (hours)

			(10415)				
	PHASE	TIME	SCHEDULE °C	SCHEDULE °F			
	Insert Flasks	0 min	150 °C	302 °F			
	Hold	60 min	150 °C	302 °F			
	Ramp	100 min	2.2 °C / min	4 °F / min			
	Hold	120 min	371 °C	700 °F			
	Ramp	180 min	2.0 °C / min	3.6 °F / min			
с	Hold	280 min	732 °C	1350 °F			
	Ramp	100 min	- 2.2 °C / min	- 4 °F / min			
D	Hold (casting window)	Up to 2 hours	512 °C or casting temp	954 °F or casting temp			

Post-Curing Info:

No post-cure required.



Post-Curing Info:

Formlabs recommends post-curing Castable Resin parts for 280 minutes at 45 °C.

DENTAL LT CLEAR

FLDLCL01						
	METRIC ¹	METHOD ¹				
	Post-cured ²					
Flexural Properties						
Ultimate Flexural Strength	≥ 50 MPa (no break)	ISO 20795-2:2013				
Flexural Modulus	≥ 1300 Mpa	ISO 20795-2:2013				
Hardness Properties						
Hardness Shore D	80 - 90D	ISO 868:2003				
Impact Properties						
Maximum stress intensity factor	≥ 1.1 MPa•m ^{1/2}	ISO 179:2010				
Total fracture work	≥ 250 J/m²	ISO 20795-2:2013				

Dental LT Clear is tested at NAMSA, Chasse sur Rhône in France, and is certified biocompatible per EN-ISO 10993-1:2009/AC:2010. Further details are available upon request.

The product is in compliance with ISO Standards: • EEN ISO 1641:2009 • EN-ISO 10993-1:2009/AC:2010 • EN-ISO 10993-3:2009 • EN-ISO 10993-5:2009 • EN 908-2008

NOTES:

*Material properties can vary with part geometry, print orientation, print settings, and temperature. *Data refers to post-cured properties obtained after exposing green parts to 108 watts each of Blue UV-A (315 – 400 nm) and UV-Blue (400 – 550 nm) light, in a heated environment at 80 °C (176 °F), with six (6) 18W/71 lamps (Dulux L Blue) and six (6) 18W/78 lamps (Dulux blue UV-A) for 20 minutes.

DENTAL MODEL

	METRIC ¹		IMPERIAL ¹		METHOD		
	Green ²	Post-Cured ³	Green ²	Post-Cured ³			
Mechanical Properties							
Tensile Strength at Yield	33 MPa	61 MPa	4800 psi	8820 psi	ASTM D 638-14		
Tensile Modulus	1.6 GPa	2.7 GPa	230 ksi	397 ksi	ASTM D 638-14		
Elongation at Failure	25 %	5 %	25 %	5 %	ASTM D 638-14		
Flexural Properties							
Flexural Modulus	0.95 GPa	2.5 GPa	138 ksi	365 ksi	ASTM D 790-15		
Flexural Strength at 5% Strain	33.9 MPa	95.8 MPa	4910 psi	13900 psi	ASTM D 790-15		
Impact Properties							
Notched IZOD	27 J/m	33 J/m	0.5 ft-lbf/in	0.6 ft-lbf/in	ASTM D256-10		
Thermal Properties							
Heat Deflection Temp. @ 264 psi	32.8 °C	45.9 °C	91.1 °F	114.6 °F	ASTM D 648-16		
Heat Deflection Temp. @ 66 psi	40.4 °C	48.5 °C	104.7 °F	119.3 °F	ASTM D 648-16		

Material properties can vary with part geometry, print orientation, print settings, and temperature. ² Data was obtained from green parts, printed using Form 2, 100 μm, Dental Model settings washed and air dried without post cure. 3 Data was obtained from parts printed using Form 2, 100 μm , Dental Model settings, and post-cured with 1.25 mW/cm² of 405 nm LED light for 60 minutes.

DENTAL SG

FLDGOR01						
	METRIC ¹	METHOD ¹				
	Post-Cured ²					
Flexural Properties						
Flexural Strength	≥ 50 MPa	ISO 20795-1:2013				
Flexural Modulus	≥ 1500 Mpa	ISO 20795-1:2013				
Hardness Properties						
Hardness Shore D	≥ 80 D	per ISO 868:2003				
Impact Properties						
Charpy Impact Strength Unnotched	12 - 14 kJ/m ²	ISO 179:2010				

Dental SG is tested at NAMSA, Chasse sur Rhône in France, and is certified biocompatible per EN-ISO 10993-1:2009/AC:2010:

Non-mutagenic.

Non-cytotoxic.

Not induce any eryther

The product is in compliance with ISO Standards:

 EN-ISO 20795-1:2013 (Dentistry – Base Polymers – Part 1: Denture Base Polymers) EN-ISO 7405:2009/A1:2013 (Dentistry – Evaluation of biocompatibility of medical devices used in dentistry) EN-ISO 10993-1:2009/AC:2010 (Biological evaluation of medical devices – Part 1 – Evaluation and testing)

NOTES:

'Material properties can vary with part geometry, print orientation, print settings, and temperature. ²Data refers to post-cured properties obtained after exposing green parts to 108 watts each of Blue UV-A (315 – 400 nm) and UV-Blue (400 – 550 nm) light, in a heated environment at 60 °C (140 °F), with six (6) 18W/71 lamps (Dulux L Blue) and six (6) 18W/78 lamps (Dulux blue UV-A).

DENTURE TEETH

	FLDTA201	
Denture Teeth (FLDTA201)	METRIC ¹	METHOD
	Postcured ²	
Flexural Strength	> 50 MPa	ISO 10477
Density	1.15 g/cm3 < X <1.25 g/cm3	ASTM D792-00

DENTURE TEETH

Denture Base (FLDBLP01)	METRIC ¹	METHOD		
	Postcured ²			
Flexural Strength	> 65 MPa	ISO 20795-1		
Density	1.15 g/cm3 < X <1.25 g/cm3	ASTM D792-00		

Denture Base and Teeth resins were tested for biological evaluation of medical devices at WuXi Apptec, 2540 Executive Drive, St. Paul, MN, and is certified biocompatible per EN-ISO 10993-1:2009/ AC:2010:

Non-mutagenic

Non-cytotoxic.

• Not cause systemic toxicity.

Not induce

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Denture Teeth ISO Standard: • EN-ISO 22112: 2017 (Dentistry -

- teeth for dental prostheses)
- Water solubility under EN-ISO 10477 (Dentistry – Polymer-based crown and veneering materials) Type 2 and Class 2

Denture Base ISO Standard

 EN-ISO 20795-1:2013 (Dentistry – Base Polymers – Part 1: Denture Base Polymers NOTES:

Material properties can vary with part geometry, print orientation, print settings, and temperature. Data refers to post-cured properties obtained after exposing green parts to 108 watts each of Blue UV-A (315 – 400 nm), in a heated environment at 80 °C (140 °F) and 1hr, with six (6) 18W/78 lamps (Dulux

SOLVENT COMPATIBILITY

Percent weight gain over 24 hours for a printed and post-cured 1 x 1 x 1 cm cube immersed in respective solvent:

24 HR WEIGHT GAIN (%)							DENTAL MODEL			
Solvent	STANDARD (tested with clear)	GREY PRO	RIGID	TOUGH	DURABLE	FLEXIBLE	HIGH TEMP	ELASTIC	GREEN	POST CURED
Acetic Acid, 5 %	< 1	<1	<1	2.8	1.3	1.3	< 1	<1	G *	G
Acetone	sample cracked	10.8	3.3	sample cracked	sample cracked	33	< 1	19.3	X	X *
Isopropyl Alcohol	< 1	1.6	<1	2.1	5.1	9.8	< 1	13.3	×	G
Bleach, ~5 % NaOCl	< 1	<1	<1	1.7	< 1	1.1	< 1	<1	G	G
Butyl Acetate	< 1	<1	<1	1.6	7.9	16	< 1	18.2	X	G
Diesel	< 1	<1	<1	< 1	< 1	not tested	< 1	1.2	not tested	not tested
Diethyl glycol monomethyl ether	1.7	2.4	1.4	6.6	7.8	30	< 1	12	X	G
Hydrolic Oil	< 1	<1	<1	< 1	< 1	not tested	< 1	<1	not tested	not tested
Skydrol 5	1	<1	1.1	1.2	1.3	not tested	not tested	9.9	not tested	not tested
Hydrogen Peroxide (3 %)	< 1	<1	<1	2.1	1	1.3	< 1	<1	G	G
Isooctane	< 1	<1	<1	< 1	< 1	<1	< 1	<1	G	G
Mineral Oil, light	< 1	<1	<1	< 1	< 1	not tested	< 1	<1	not tested	not tested
Mineral Oil, heavy	< 1	<1	<1	< 1	< 1	not tested	< 1	<1	not tested	not tested
Salt Water (3.5 % NaCl)	< 1	<1	<1	1.5	< 1	<1	< 1	<1	G	G
Sodium hydroxide (0.025 %, pH = 10)	< 1	<1	<1	1.5	< 1	1	< 1	<1	G	G
Water	< 1	<1	<1	1.6	< 1	not tested	not tested	<1	G	G
Xylene	< 1	<1	<1	< 1	6.5	29	not tested	20.4	X	G
Strong Acid (HCl Conc)	distorted	8.2	5.3	distorted	distorted	not tested	not tested	14.2	not tested	not tested

* G = Good resistance. Parts exposed to this solvent should not experience a decrease in mechanical properties. ($\leq 1\%$ weight gain, $\leq 1\%$ width increase over 24 hours for a 1 x 1 x 1 cm cube)

* X = Unacceptable resistance. Parts exposed to this solvent will experience a significant decrease in mechanical properties as well as visible degradation. (> 2% weight gain, > 2% width increase over 24 hours for a1 x 1 x 1 cm cube)

To the best of our knowledge the information contained herein is accurate. However, Formlabs, Inc. makes no warranty, expressed or implied, regarding the accuracy of these results to be obtained from the use thereof.