

Soft ToughRubber™

STR-TD-385-B

TYPE	STANDARD	PARAMETER	UNIT	VALUE
Liquid	ASTM D2196	Viscosity	cP	560
Liquid	ASTM D792	Liquid Density	g/mL	1.019
Print	ASTM D2240	Hardness - 0 s	Shore A	36
Print	ASTM D2240	Hardness - 10 s	Shore A	24
Print	ASTM D4065	Glass Transition (DMA)	°C	-4
Print	ASTM D4065	Storage Modulus @ 25 C	MPa	0.8
Print	ASTM D638 Type V	Fracture Toughness	MJ/m ³	1.6
Print	ASTM D638 Type V	Elongation at Break	%	245
Print	ASTM D638 Type V	Ultimate Tensile Strength	MPa	1.5
Print	ASTM D412 Method A Die C	Fracture Toughness	MJ/m ³	1.7
Print	ASTM D412 Method A Die C	Elongation at Break	%	255
Print	ASTM D412 Method A Die C	Ultimate Tensile Strength	MPa	1.4
Print	ASTM D624 Die C	Tear Strength	kN/m	5
Print	ASTM D395 Method B Type 1	Compression Set - 25 C/25%/22hrs	%	5
Print	ASTM D395 Method B Type 1	Compression Set - 70 C/25%/22hrs	%	10
Print	ASTM D2632	Bayshore Resilience	%	4

The data provided are typical values when following the described testing parameters and recommended processing and post processing steps on standard prints. 3D Printing materials properties can change based on any changes to the above.