

EPU 40 is a high performance polyurethane elastomer that is a good choice for applications where high elasticity and tear resistance are needed.

MATERIAL PROPERTIES Ref TDS for more info.

Ultimate Tensile Strength	7.7 Mpa
Elongation at Break	> 250 %
Tear Strength	23 kN/m
Compression Set	23 %
Bayshore Rebound Resilience	29 %
Tg	8°C
Shore Hardness	68, Shore A
Density	1.025 g/cm ³

STORAGE Supplemental information available.


Temperature	20 - 25°C (68 - 77 °F)
Packaging	400 ml cartridge

Notes

- Resin may crystallize at lower temperatures.

RESIN DISPENSING & PRINTING

Supplemental information available.

Ratio	10:1	Burn off	10 ml new cartridge	Notes
Speed	1	MMD	No	
Mixing tip	Orange	Pot life	8 hours	
		Release film	Not required/ optional	

WASHING

Supplemental information available.

Solvent	99% Isopropanol	Manual Process
Exposure	1 min max	
Part Washer	Yes Vertrel™ solvent blend	
Notes		<ul style="list-style-type: none"> Remove excess resin with spinner (recommended), swabs (or wipes), or compressed air (select geometries). 30 sec orbital shaker at 120 RPM. Mid-wash touch up with spinner (recommended), swabs (or wipes), or compressed air (select geometries). 30 sec orbital shaker at 120 RPM. Air dry or dry with spinner (recommended), swabs (or wipes), or compressed air (select geometries).

CURING

Supplemental information available.

Cure start	w/in 2 hrs of printing (up to 48 hrs for thin geometries)	UV	N/A	Compatible baking implements
Salt bake	No	Thermal	<ul style="list-style-type: none"> Program 3 - Pattern 2 8 hours at 120°C 	
				<ul style="list-style-type: none"> Ceramic baking tray (clean) Non-stick aluminum foil Silicone sheets Pan mesh