



ProUtility Resin

The ProUtility resin has the properties of good hardness, good resolution, and good formability, making it ideal for the use in making general purpose prototyping and visual models.

IDENTIFICATION		
Material Name	ProUtility Resin	
Resin Model	E2	
Product Use	Printing material for 3D printers using DLP technology	
For use with	<input type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP	
SPECIFICATIONS		
Color	Grey	
Package Available	1kg (2 x 500g bottle per package)	
Viscosity @25°C	450-750	
Density	1.0-1.2 g/cm ³	
Operating Temperature	25 ± 5 °C	
MECHANICAL PROPERTIES	TEST METHOD	
Hardness (Scale D)		70-90
Tensile Strength (MPa)	ASTM D638	25-35
Tensile Modulus (MPa)	ASTM D638	800-1100
Elongation	ASTM D638	6-10%
Flexural Strength (MPa)	ASTM D790	55-65
Flexural Modulus (MPa)	ASTM D790	1400-1700
Notched Izod Impact (J/m)	ASTM D256	27-32
HDT (°C @0.45MPa)	ASTM D648	--
Post-curing Settings	10 mins with XYZ curing chamber	
OTHERS		
Storage Condition	1. Store the product in a cool, dry, and well-ventilated place and avoid direct sun light. 2. Recommended storage temperature between 10 and 32 °C. 3. Use the product as soon as possible after opening.	