Agilus30

Polyjet Rubber-Like Material

Agilus30™ is a superior Rubber-like PolyJet™ photopolymer family ideal for advanced design verification and rapid prototyping. Get more durable, tear-resistant prototypes that can stand up to repeated flexing and bending. With a Shore A value of 30 in clear, black and white, Agilus30 accurately simulates the look, feel and function of Rubber-like products. 3D print rubber surrounds, overmolds, soft-touch coatings, living hinges, jigs and fixtures, wearables, grips and seals with improved surface texture.

Mechanical Properties	Test Method	Value	
		Black / Translucent	White
Tensile Strength	ASTM D-412	2.4 – 3.1 MPa (348 – 450 psi)	2.1-2.6 MPa (305 – 377 psi)
Elongation at Break	ASTM D-412	220 – 270%	185 – 230%
Compressive Set	ASTM D-395	6 – 7%	6 – 7%
Tensile Tear Resistance	ASTM D-624	4 – 7 Kg/cm (22 – 39 lb/in)	4 – 7 Kg/cm (22 – 39 lb/in)

Other	Test Method	Value	
		Black / Translucent	White
Shore Hardness	ASTM D-2240	30 – 35 Scale A	30 – 40 Scale A
Polymerized Density	ASTM D-792	1.14 – 1.15 g/cm^3	1.14 – 1.15 g/cm^3

System Availability	Layer Thickness Capability	Support Structure	Available Color
Objet260/350/500 Connex1/2/3™	High Speed mode: 30 microns (0.0012 in.)	SUP705 (WaterJet removable) SUP706B (soluble + WaterJet removable)	☐ Translucent
Stratasys J735™/ Stratasys J750™	High speed mode: 27 microns (0.0011 in.)	SUP705 (WaterJet removable) SUP706B (soluble + WaterJet removable)	■ Black ☐ Translucent ☐ White
J4100™	High Speed mode: 27 microns (0.001 in.)	SUP705 (Water Jet removable)	■ Black ☐ Translucent

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