Elastico™

PolyJet Rubberlike Material

Elastico™ is a superior rubberlike 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 45 in clear and black, Elastico 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/Clear
Tensile Strength	ASTM D-412	3 - 5 MPa (435 -725 psi)
Elongation at Break	ASTM D-412	360 - 400%
Compressive set	ASTM D-395	0.8 - 1.7 %
Tensile Tear Resistance	ASTM D-624	5 - 7.5 Kg/cm (28 - 42 lb/in)
Shore Hardness	ASTM D-2240	45 - 50 Scale A
Polymerized Density	ASTM D-792	1.1 - 1.3 (g/cm^3)

System Availability	Layer Thickness Capability	Support Structure	Available Color
J55™ Prime	High Speed mode: 18 microns (0.0001 in.)	SUP710™ (WaterJet removable)	■ Black □ Clear
J35™ Pro	High Speed mode: 18 microns (0.0001 in.)	SUP710™ (WaterJet removable)	■ Black □ Clear

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