



Elastico™

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	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/cm³)	
System Availability	Layer Thickness Capability	Support Structure	Available Color
J55™ Prime	High Speed mode: 18 microns (0.0001 in.)	SUP710S™ (WaterJet removable)	■ Black
J35™ Pro			□ Clear
J5 MediJet™	High Speed mode: 18 microns (0.0001 in.)	SUP710S™ (WaterJet removable)	□ Clear



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ISO 9001:2015
Certified

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MATERIAL DATASHEET POLYJET

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