

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/cm³)	
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

Stratasys Headquarters

7665 Commerce Way,
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

[stratasys.com](https://www.stratasys.com)

ISO 9001:2015 Certified

1 Holtzman St., Science Park,
PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000
+972 74 745 5000 (Fax)

