

Elastico™

A flexible PolyJet Photopolymer designed for high elongation and tear resistance

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.)	SUP710™ (WaterJet removable)	■ Black □ Clear
J35™ Pro	High Speed mode: 18 microns (0.0001 in.)	SUP710™ (WaterJet removable)	■ Black □ Clear
J5 MediJet™	High Speed mode: 18 microns (0.0001 in.)	SUP710™ (WaterJet removable)	□ Clear

USA - Headquarters

7665 Commerce Way
Eden Prairie, MN 55344, USA
+1 952 937 3000

EMEA

Airport Boulevard B 120
77836 Rheinmünster, Germany
+49 7229 7772 0

ISRAEL - Headquarters

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

ASIA PACIFIC

7th Floor, C-BONS International Center
108 Wai Yip Street Kwun Tong Kowloon
Hong Kong, China
+ 852 3944 8888



GET IN TOUCH.

www.stratasys.com/contact-us/locations

stratasys.com

ISO 9001:2015 Certified

