

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)	<input checked="" type="checkbox"/> Black <input type="checkbox"/> Clear
J35™ Pro	High Speed mode: 18 microns (0.0001 in.)	SUP710™ (WaterJet removable)	<input checked="" type="checkbox"/> Black <input type="checkbox"/> 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

ISO 9001:2015 Certified

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

(주) 티모스 - 한국 공식 파트너
경기도 광명시 하안로 60 C동 1108호
(소하동, 광명테크노파크)
+82 2 6297 5750
www.thymos.co.kr
3dp@thymos.co.kr

