



# Shore 40A-95A

**POLYJET RUBBER-LIKE MATERIAL**

## Utilizing PolyJet Technology

PolyJet technology creates precise prototypes that set the standard for finished product realism. Their fine resolution makes complex shapes, intricate details, and smooth surfaces possible.

PolyJet 3D Printing works by jetting layers of liquid photopolymer onto a build tray and instantly curing them with UV light. The fine layers build up to create a precise 3D model or prototype. Models are ready to handle right out of the 3D printer, with no post-curing needed.

With Shore 40A-95A materials, users can achieve the look, feel, and function of rubber-like products like rubber surrounds, overmolds, soft-touch coatings, jigs, and fixtures, wearables, grips, and seals with improved surface finish.

**PRIMARY MATERIAL: AGILUS30 BLACK**  
**SECONDARY MATERIAL: DIGITAL ABS PLUS IVORY**

PROPERTY	ASTM	UNIT	SHORE40A	SHORE50A	SHORE60A	SHORE70A	SHORE85A	SHORE95A
Tensile Strength	D-412	MPa	2.5-3	2.5-3	3.5-4	4.5-6	6-8	9-11
Elongation at break	D-412	%	180-200	160-180	120-140	90-100	70-80	40-60
Shore hardness (A)	D-2240	Scale A	40-50	45-55	50-60	65-70	80-85	85-90
Tensile tear resistance	D-624	Kg/cm	5.0-7.0	6.0-8.0	7.0-9.0	12.0-15.0	15-19	25-29

Data Provided by Stratasys



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