

A. Schulman FORMION™ FI 395 Ionomer

Category : Polymer , Thermoplastic , Ionomer

Material Notes:

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-FORMION-FI-395-Ionomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 1183/1
Linear Mold Shrinkage	0.018 - 0.026 cm/cm @Thickness 3.20 mm	0.018 - 0.026 in/in @Thickness 0.126 in	72 hr; ISO 294

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	15 sec delay; ISO 868
Tensile Strength, Ultimate	17.0 MPa	2470 psi	at max load; ISO 527
Tensile Strength, Yield	2.80 MPa @Strain 100 %	406 psi @Strain 100 %	ISO 527
	3.60 MPa @Strain 300 %	522 psi @Strain 300 %	ISO 527
Elongation at Break	1100 %	1100 %	ISO 527
Flexural Modulus	0.0600 GPa	8.70 ksi	Tangent; ISO 178
Izod Impact, Notched (ISO)	NB	NB	ISO 180

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