

A. Schulman FORMION™ FI 342 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-342-Ionomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	ISO 1183/1
Linear Mold Shrinkage	0.0060 - 0.010 cm/cm @Thickness 3.20 mm	0.0060 - 0.010 in/in @Thickness 0.126 in	72 hr; ISO 294

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	Instantaneous; ISO 868
Tensile Strength, Ultimate	16.0 MPa	2320 psi	at max load; ISO 527
Elongation at Break	175 %	175 %	ISO 527
Flexural Modulus	0.675 GPa	97.9 ksi	Tangent; ISO 178
Izod Impact, Notched (ISO)	71.0 kJ/m ²	33.8 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	54.0 °C @Thickness 3.20 mm	129 °F @Thickness 0.126 in	ISO 75

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China