

A. Schulman FORMION™ FI 388 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-388-Ionomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ISO 1183/1
Linear Mold Shrinkage	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	72 hr; ISO 294
	@Thickness 3.20 mm	@Thickness 0.126 in	
	0.0020 - 0.0050 cm/cm	0.0020 - 0.0050 in/in	aged 48 hrs at 121°C; ISO 294
	@Thickness 3.20 mm	@Thickness 0.126 in	
Melt Index of Compound	1.0 g/10 min	1.0 g/10 min	Cond. E; ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	15 sec delay; ISO 868
Tensile Strength, Ultimate	38.0 MPa	5510 psi	at max load; ISO 527
Elongation at Break	5.0 %	5.0 %	ISO 527
Flexural Modulus	3.45 GPa	500 ksi	Tangent; ISO 178
Izod Impact, Notched (ISO)	16.0 kJ/m²	7.61 ft-lb/in²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.0 °C	190 °F	ISO 75
	@Thickness 3.20 mm	@Thickness 0.126 in	

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