

A. Schulman FORMION™ FI 555-31 Recycled Ionomer

Category : Polymer , Renewable/Recycled 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-555-31-Recycled-Ionomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ISO 1183/1
Linear Mold Shrinkage	0.0060 - 0.010 cm/cm	0.0060 - 0.010 in/in	72 hr; ISO 294
	@Thickness 3.20 mm	@Thickness 0.126 in	
	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	aged 48 hrs at 121°C; ISO 294
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58	58	15 sec delay; ISO 868
Tensile Strength, Ultimate	23.0 MPa	3340 psi	at max load; ISO 527
Elongation at Break	375 %	375 %	ISO 527
Flexural Modulus	0.988 GPa	143 ksi	Tangent; ISO 178
Izod Impact, Notched (ISO)	67.0 kJ/m ²	31.9 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	62.0 °C	144 °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