

A. Schulman FORMION™ FI 131E Adhesive, Extrusion Grade

Category : Polymer , Adhesive , Thermoplastic

Material Notes:

Description Formion® FI 131E is an adhesive grade extrusion product. It has been formulated to provide adhesion as a tie layer or resin modifier to bond Ionomer to polar and non polar substances, such as impact polypropylene, Polystyrene, Polyurethane, Polycarbonate and certain polyesters. Application Formion® FI 131E is targeted for exterior or interior laminates in film, sheet extrusion and blow molding applications and adhesive bonding to textiles. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-FORMION-FI-131E-Adhesive-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ISO 1183/1
Melt Index of Compound	0.70 g/10 min	0.70 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	20 g/10 min	20 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 230 °C	@Load 11.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	15 sec delay; ISO 868
Tensile Strength, Ultimate	35.0 MPa	5080 psi	at max load; ISO 527
Tensile Strength, Yield	50.0 MPa	7250 psi	ISO 527
	@Strain 50.0 %	@Strain 50.0 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-55.0 °C	-67.0 °F	

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