

Diamond Polymers Centrex® 885 Profile Extrusion Grade

Category : Polymer , Thermoplastic , ASA Polymer

Material Notes:

Centrex 885 resin is a low-gloss ASA (acrylonitrile-styrene-acrylate) resin with good resistance to weather aging. It has good melt strength for profile extrusion and can be coextruded over polyvinyl chloride (PVC). Applications: Typical applications for Centrex 601 resin include exterior siding, window frames and fences. As with any product, use of Centrex 885 resin in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability. Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-Centrex-885-Profile-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Melt Flow	4.7 g/10 min	4.7 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.8 MPa	2290 psi	chs 0.2 in/min; ASTM D638
Tensile Strength, Yield	26.2 MPa	3800 psi	chs 0.2 in/min; ASTM D638
Flexural Strength	45.5 MPa	6600 psi	chs 0.05 in/min; ASTM D790
Flexural Modulus	1.516 GPa	219.9 ksi	tangent; chs 0.05 in/min; ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Impact Test	17.0 J	12.5 ft-lb	ASTM D3763
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	107 °C	225 °F	120°C/hr; ASTM D1525
	@Load 1.00 kg	@Load 2.20 lb	

Optical Properties	Metric	English	Comments
Gloss	3.0 %	3.0 %	Extruded Strip; 60°; ASTM D523

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