

RExtac Rextac® RT 4535 Amorphous Polyalphaolefin (APAO)

Category : Polymer , Thermoplastic , Polyalphaolefin , Polyolefin

Material Notes:

Wire and Cable Grade. Description: Ethylene copolymer and FDA compliant Features: Excellent low temperature flexibility, moisture barrier and adhesion Applications: Flooding and filling compounds for wire and cable Other Properties: Ring and Ball Softening Point (ASTM E 28): 129°C. Needle Penetration (ASTM D 1321): 45 mm. Melt Density (190°C; Huntsman Method): 0.74 g/cc. Flashpoint, COC (ASTM D 93): >235°C. Information provided by Huntsman Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_RExtac-Rextac-RT-4535-Amorphous-Polyalphaolefin-APAO.php

Physical Properties	Metric	English	Comments
Density	0.860 g/cc	0.0311 lb/in ³	ASTM D 792
Viscosity	3500 cP @Temperature 190 °C	3500 cP @Temperature 374 °F	melt viscosity; ASTM D 3236

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.350 MPa	50.8 psi	ASTM D 638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-37.0 °C	-34.6 °F	ASTM D3417

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