

RExtac Rextac® RT 2180 Amorphous Polyalphaolefin (APAO)

Category : Polymer , Thermoplastic , Polyalphaolefin , Polyolefin

Material Notes:

Adhesive and Sealant Grade.Description: Propylene homopolymer and FDA compliant**Features:** High softening point, short open time, good cohesive strength, and high viscosity**Applications:** Component of hot melt adhesives, sealants and specialty products**Other Properties:** Ring and Ball Softening Point (ASTM E 28): 157°C.Needle Penetration (ASTM D 1321): 10 mm.Shear Adhesion Failure Temperature (SAFT), Kraft/Kraft (Huntsman Method): 139°C.Open Time, Kraft/Kraft (Huntsman Method): 0 sec.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-2180-Amorphous-Polyalphaolefin-APAO.php

Physical Properties	Metric	English	Comments
Density	0.860 g/cc	0.0311 lb/in ³	ASTM D 792
Viscosity	8000 cP @Temperature 190 °C	8000 cP @Temperature 374 °F	melt viscosity; ASTM D 3236

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	2.56 MPa	371 psi	ASTM D 638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-20.0 °C	-4.00 °F	ASTM D3417

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