

REXtac® APAO RT 2180

Polyalphaolefin
Huntsman Corporation

Message:

REXtac® APAO RT 2180 is a polyα-olefin (PAO) product. It is available in North America. REXtac® APAO RT 2180 applications include glue/gummed paper, sealing applications and food contact applications.

Features include:

- high viscosity
- Homopolymer

General Information			
Features	Homopolymer		
	Viscosity, High		
Uses	Sealant		
	Adhesive		
Agency Ratings	FDA 21 CFR 175.105		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.858	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	2.59	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-20.0	°C	DSC
Fill Analysis	Nominal Value	Unit	
Melt Density (191°C)	0.740	g/cm ³	
Additional Information			

Melt Viscosity, ASTM D3236, 325°F: 23000 cpsMelt Viscosity, ASTM D3236, 350°F: 11000 cpsMelt Viscosity, ASTM D3236, 375°F: 8000 cpsMelt Viscosity, ASTM D3236, 400°F: 6000 cpsNeedle Penetration, ASTM D1321, 25°C: 1.0 mmSoftening Point by Ring and Ball, ASTM E28: 315°FFlashpoint, COC, ASTM D93: >450°FOpen Time, Kraft/Kraft, 25°C, Huntsman Method: 0 secondsShear Adhesion Failure Temp. (SAFT), Kraft/Kraft, Huntsman Method: 282°F

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