

# REXtac® APAO RT 1230

Polyalphaolefin  
Huntsman Corporation

Message:

REXtac® APAO RT 1230 is a polyα-olefin (PAO) product. It is available in North America. REXtac® APAO RT 1230 applications include food contact applications and coating applications.

Features include:

- Copolymer
- Heat resistance

General Information			
Features	Copolymer Heat resistance, high		
Uses	Laminate		
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 <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	1.03	MPa	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-22.2	°C	DSC
Fill Analysis	Nominal Value	Unit	
Melt Density (191°C)	0.740	g/cm <sup>3</sup>	
Additional Information			

Melt Viscosity, ASTM D3236, 325°F: 6200 cpsMelt Viscosity, ASTM D3236, 350°F: 4250 cpsMelt Viscosity, ASTM D3236, 375°F: 3000 cpsMelt Viscosity, ASTM D3236, 400°F: 2300 cpsMelt Viscosity, ASTM D3236, 425°F: 1700 cpsNeedle Penetration, ASTM D1321, 25°C: 1.3 mmSoftening Point by Ring and Ball, ASTM E28: 298°FFlashpoint, COC, ASTM D93: >450°FOpen Time, Kraft/Kraft, 25°C, Huntsman Method: 10 secondsShear Adhesion Failure Temp. (SAFT), Kraft/Kraft, Huntsman Method: 234°F

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