

REXtac® APAO RT 2780

Polyalphaolefin

Huntsman Corporation

Message:

Butene-1 copolymer

General Information			
Features	Copolymer		
	amorphous		
	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	0.870	g/cm ³	ASTM D792
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-23.0	°C	DSC
Fill Analysis	Nominal Value	Unit	
Melt Density (190°C)	0.750	g/cm ³	
Additional Information			

Melt Viscosity, ASTM D3236, 250°F: 65000 cpsMelt Viscosity, ASTM D3236, 275°F: 38000 cpsMelt Viscosity, ASTM D3236, 300°F: 22000 cpsMelt Viscosity, ASTM D3236, 325°F: 15000 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: 2.5 mmSoftening Point by Ring and Ball, ASTM E28: 225°FShear Adhesion Failure Temp. (SAFT), Kraft/Kraft, Huntsman Method: 180°FOpen Time, Kraft/Kraft, 25°C, Huntsman Method: 120 secondsFlashpoint, COC, ASTM D93: >450°F

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