

REXtac® APAO RT 2715

Polyalphaolefin
Huntsman Corporation

Message:
Butene-1 copolymer

General Information			
Features	Copolymer		
	amorphous		
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
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	0.560	MPa	ASTM D638
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: 15000 cpsMelt Viscosity, ASTM D3236, 275°F: 7000 cpsMelt Viscosity, ASTM D3236, 300°F: 4200 cpsMelt Viscosity, ASTM D3236, 325°F: 3000 cpsMelt Viscosity, ASTM D3236, 350°F: 2000 cpsMelt Viscosity, ASTM D3236, 375°F: 1500 cpsMelt Viscosity, ASTM D3236, 400°F: 1100 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: 173°FOpen Time, Kraft/Kraft, 25°C, Huntsman Method: 120 secondsFlashpoint, COC, ASTM D93: >450°F

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