

REXtac® APAO RT 4730

Polyalphaolefin
Huntsman Corporation

Message:
Butene-1 copolymer

General Information			
Features	Flexibility at low temperatures		
	Copolymer		
	Good adhesion		
	amorphous		
Uses	Wire and cable applications		
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)	0.610	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: 26800 cpsMelt Viscosity, ASTM D3236, 275°F: 16600 cpsMelt Viscosity, ASTM D3236, 300°F: 9600 cpsMelt Viscosity, ASTM D3236, 325°F: 6300 cpsMelt Viscosity, ASTM D3236, 350°F: 4500 cpsMelt Viscosity, ASTM D3236, 375°F: 3000 cpsMelt Viscosity, ASTM D3236, 400°F: 2400 cpsNeedle Penetration, ASTM D1321, 25°C: 2.5 mmSoftening Point by Ring and Ball, ASTM E28: 225°FFlashpoint, COC, ASTM D93: >450°F

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