

REXtac® APAO RT 3180

Polyalphaolefin

Huntsman Corporation

Message:

Propylene homopolymer

General Information			
Features	Homopolymer amorphous High hardness		
Agency Ratings	FDA 21 CFR 175.105		
RoHS Compliance	Contact manufacturer		
Forms	Blank		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm ³	ASTM D792
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-20.0	°C	DSC
Fill Analysis	Nominal Value	Unit	Test Method
Melt Density (190°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°FFlexibility Failure Temp., 0.125" plaque thickness, 0.50" bend radius, Huntsman Method: -4°FFlashpoint, COC, ASTM D93: >450°F

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