

# REXtac® APAO RT 3585

Polyalphaolefin

Huntsman Corporation

Message:

Ethylene copolymer

General Information			
Features	Flexibility at low temperatures Copolymer amorphous		
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 <sup>3</sup>	ASTM D792
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-37.0	°C	DSC
Fill Analysis	Nominal Value	Unit	Test Method
Melt Density (190°C)	0.740	g/cm <sup>3</sup>	
Additional Information			
Melt Viscosity, ASTM D3236, 275°F: 89000 cpsMelt Viscosity, ASTM D3236, 300°F: 25000 cpsMelt Viscosity, ASTM D3236, 325°F: 15000 cpsMelt Viscosity, ASTM D3236, 350°F: 11000 cpsMelt Viscosity, ASTM D3236, 375°F: 8500 cpsMelt Viscosity, ASTM D3236, 400°F: 6000 cpsNeedle Penetration, ASTM D1321, 25°C: 4.0 mmSoftening Point by Ring and Ball, ASTM E28: 265°FFlexibility Failure Temp., 0.125" plaque thickness, 0.50" bend radius, Huntsman Method: -35°FFlashpoint, COC, ASTM D93: >450°F			

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