

# REXtac® APAO RT 2585

Polyalphaolefin  
Huntsman Corporation

Message:  
Ethylene copolymer

| General Information          |                      |       |             |
|------------------------------|----------------------|-------|-------------|
| Features                     | Copolymer            |       |             |
|                              | Good flexibility     |       |             |
|                              | 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             | 0.860                | g/cm³ | ASTM D792   |
| Mechanical                   | Nominal Value        | Unit  | Test Method |
| Tensile Strength (23°C)      | 0.350                | MPa   | ASTM D638   |
| Thermal                      | Nominal Value        | Unit  | Test Method |
| Glass Transition Temperature | -37.0                | °C    | DSC         |
| Fill Analysis                | Nominal Value        | Unit  |             |
| Melt Density (190°C)         | 0.740                | g/cm³ |             |
| 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°FShear Adhesion Failure Temp. (SAFT), Kraft/Kraft, Huntsman Method: 203°FOpen Time, Kraft/Kraft, 25°C, Huntsman Method: 60 secondsFlashpoint, COC, ASTM D93: >450°F

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