

Solvay Specialty Polymers Virantage® VW-10300 P, FP & SFP Polyethersulfone (PESU)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

Material Notes:

Virantage® VW-10300 polyethersulfone (PESU) is a non-functionalized, high-temperature sulfone polymer powder. Three grades are offered: Virantage® VW-10300P, Virantage® VW-10300FP, and Virantage® VW-10300SFP providing three particle sizes to meet formulators' specific needs. Their inherent toughness imparts damage tolerance to thermoset composites. Virantage® PESU polymers also offer superior thermal and hydrolytic stability that deliver best-in-class hot-wet performance. Features: Amorphous; Good Thermal Stability; Good Toughness; High Heat Resistance; Hydrolytically Stable; Medium Molecular Weight; Medium-high Viscosity Uses: Aerospace Applications Additional Properties: Moisture - Internal Method 1.0 %; Particle Size - 63.0 µm; Particle Size - 500 µm; Particle Size - 45.0 µm; Residual Solvent - Internal Method 0.20 % Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Virantage-VW-10300-P-FP-SFP-Polyethersulfone-PESU.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------|---------|-------------------------------|
| Viscosity | 800 cP | 800 cP | Solution Viscosity; ASTM D455 |

| Thermal Properties | Metric | English | Comments |
|---------------------------|--------|---------|------------|
| Glass Transition Temp, Tg | 220 °C | 428 °F | ASTM E1356 |

| Descriptive Properties | Value | Comments |
|------------------------|----------------------|----------|
| Availability | Africa & Middle East | |
| | Asia Pacific | |
| | Europe | |
| | Latin America | |
| | North America | |
| Form | Powder | |
| Processing Technique | Compounding | |

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