

Solvay Specialty Polymers Veradel® A-704P Polyethersulfone (PESU)

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

Material Notes:

Veradel® A-704P (PESU) is a powder designed for dissolving or dispersing into solutions. It can also be ground to smaller particle size, or blended with other solid particles. PESU offers excellent toughness and outstanding hydrolytic resistance. It resists attack from steam, boiling water and mineral acids. Cast films or coatings of PESU are transparent and have additional desirable properties including long term thermal stability, excellent metal adhesion and formability and inherent flame resistance.Features: Acid Resistant; Flame Retardant; Food Contact Acceptable; Good Adhesion; Good Chemical Resistance; Good Creep Resistance; Good Dimensional Stability; Good Thermal Stability; Good Toughness; High Flow; High Heat Resistance; High Tensile Strength; Hydrolysis Resistant; Low Molecular Weight; Medium RigidityUses: Adhesives; Coating ApplicationsAdditional Properties: Residual Solvent - Internal Method 0.50 %; Viscosity - Internal Method (40°C): 200 mPa·sInformation provided by Solvay Specialty Polymers.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Veradel-A-704P-Polyethersulfone-PESU.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in³	ASTM D792
Water Absorption	0.60 %	0.60 %	ISO 62
	@Time 86400 sec	@Time 24.0 hour	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	49.0 µm/m-°C	27.2 µin/in-°F	
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	
Color	Transparent - Slight Yellow	
Form	Powder	
Processing Technique	Coating; Solution Processing; Spraying	
RoHS Compliance	RoHS Compliant	

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