

**BASF Ultrason® E 2020 P SR PESU**

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

**Material Notes:**

Description: Polyethersulfone flakes, e.g. for membrane applications, coatings and resin modification, containing min. 50% of OH-endgroups. The product is soluble in N-methyl-pyrrolidone (NMP) and N,N-Dimethylacetamide (DMAc). This type is not suitable for injection molding. Abbreviated designation according to ISO 1043-1: PESU Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultrason-E-2020-P-SR-PESU.php](http://www.lookpolymers.com/polymer_BASF-Ultrason-E-2020-P-SR-PESU.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.250 - 0.300 g/cc	0.00903 - 0.0108 lb/in <sup>3</sup>	
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	1.0 %	1.0 %	23°C; 50% RH; ISO 62
Viscosity Measurement	59	59	[cm <sup>3</sup> /g]; ISO 307

Mechanical Properties	Metric	English	Comments
Tensile Modulus	2.70 GPa	392 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	225 °C	437 °F	ISO 11357-1/-2
Decomposition Temperature	>= 400 °C	>= 752 °F	

Processing Properties	Metric	English	Comments
Drying Temperature	140 °C	284 °F	
Dry Time	4 hour	4 hour	

Descriptive Properties	Value	Comments
Ignition Temperature	580-600°C	DIN 54836

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