

Evonik Corporation Europlex® PPSU High Performance Sheet

Category : Polymer , Thermoplastic

Material Notes:

Description: EUROPLEX® PPSU is a sheet material based on an engineering plastic with further improved fire behavior as compared with the EUROPLEX® F series. Owing to its special properties, EUROPLEX® PPSU also meets the stringent requirements of the OSU heat release test and is therefore suitable for larger items of cabin interiors such as door and door frame panels, monitor housings or oxygen flask holders. Applications: interior door frames wall covers monitor housing Information provided by degussa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-Europlex-PPSU-High-Performance-Sheet.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	65.0 MPa	9430 psi	ISO 527
Elongation at Break	50 %	50 %	ISO 527
Modulus of Elasticity	2.60 GPa	377 ksi	ISO 527
Charpy Impact Unnotched	NB	NB	ISO 179

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	195 °C	383 °F	Permanent
Vicat Softening Point	223 °C	433 °F	ISO 306

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