

## E-Polymers SEPAZ® V230B 30% Mineral Filled Reinforced PPA

Category : Polymer , Thermoplastic , Polyphthalamide (PPA) , Polyphthalamide (PPA), Mineral Filled

### Material Notes:

Polyphthal Amide Resin (High Temperature Nylon): SEPAZ PPA is a unique semi-crystalline engineering plastic that bridges the cost-performance gap between traditional engineering thermoplastics and super engineering thermoplastics. SEPAZ PPA resin has excellent mechanical properties (e.g. strength, stiffness, fatigue, creep resistance) over a broad temperature range. In addition to these, special grades formulated for applications requiring flame-retardancy, glycol-resistance, typically for automotive applications, and reflectivity, typically for optoelectronic applications such as high brightness LEDs, are available. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-SEPAZ-V230B-30-Mineral-Filled-Reinforced-PPA.php](http://www.lookpolymers.com/polymer_E-Polymers-SEPAZ-V230B-30-Mineral-Filled-Reinforced-PPA.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 g/cc	1.45 g/cc	ASTM D792
Water Absorption	0.12 % @Time 86400 sec	0.12 % @Time 24.0 hour	
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	
Linear Mold Shrinkage, Transverse	0.011 cm/cm	0.011 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	104.0 MPa	15080 psi	ASTM D638
Elongation at Break	1.2 %	1.2 %	ASTM D638
Flexural Strength	110.85 MPa	16077 psi	ASTM D790
Flexural Modulus	5.503 GPa	798.2 ksi	ASTM D790
Izod Impact, Notched	0.363 J/cm	0.680 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	158 °C	316 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	279 °C	534 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Melt Temperature	300 - 330 °C	572 - 626 °F	

Mold Temperature Processing Properties	135 - 160 °C Metric	275 - 320 °F English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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