

Techmer Lehvoss Compounds Luvotech™ J-1305/40 NAT PPS (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with 40% Glass Fiber Filler

Material Notes:

Techmer Lehvoss Compounds, a JV between Techmer ES and Lehmann&Voss&Co. has been terminated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-Lehvoss-Compounds-Luvotech-J-130540-NAT-PPS-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|-----------------------|-----------------------|-----------------------|-------------------|
| Specific Gravity | 1.67 g/cc | 1.67 g/cc | ASTM D792 |
| Water Absorption | 0.020 % | 0.020 % | 24 Hrs; ASTM D570 |
| Linear Mold Shrinkage | 0.0010 - 0.0020 cm/cm | 0.0010 - 0.0020 in/in | ASTM D955 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|---------------|-----------|
| Tensile Strength at Break | 159 MPa | 23000 psi | ASTM D638 |
| Elongation at Break | 3.0 % | 3.0 % | ASTM D638 |
| Flexural Strength | 221 MPa | 32000 psi | ASTM D790 |
| Flexural Modulus | 13.8 GPa | 2000 ksi | ASTM D790 |
| Izod Impact, Notched | 0.854 J/cm | 1.60 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------------------|----------------------|----------|
| Flammability, UL94 | V-0 | V-0 | |
| | @Thickness 3.17 mm | @Thickness 0.125 in | |
| | V-0 | V-0 | |
| | @Thickness 1.59 mm | @Thickness 0.0625 in | |

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