

## Lehmann & Voss LUVOCOM<sup>®</sup> 65-8452-1 PP-copolymer, with aramid reinforcement, lubricant modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Applications: Office communication.Low warpage, isotropic shrinkage characteristics.Dynamic stressed parts.Information provided by Lehmann & Voss & Co.KG

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lehmann-Voss-LUVOCOM-65-8452-1-PP-copolymer-with-aramid-reinforcement-lubricant-modified.php](http://www.lookpolymers.com/polymer_Lehmann-Voss-LUVOCOM-65-8452-1-PP-copolymer-with-aramid-reinforcement-lubricant-modified.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ISO 1183
Water Absorption	<= 0.30 %	<= 0.30 %	23Â°C/24h
Linear Mold Shrinkage	0.0080 - 0.014 cm/cm	0.0080 - 0.014 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Stress	30.0 MPa	4350 psi	
Elongation at Yield	15 %	15 %	
	18 %	18 %	flexural
Modulus of Elasticity	3.00 GPa	435 ksi	
Flexural Strength	45.0 MPa	6530 psi	
Flexural Modulus	2.50 GPa	363 ksi	
Charpy Impact Unnotched	4.00 J/cm <sup>Â</sup> 2	19.0 ft-lb/in <sup>Â</sup> 2	edgewise; ISO 179 1eU

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 Â°C	212 Â°F	
	130 Â°C	266 Â°F	short term
Vicat Softening Point	80.0 Â°C	176 Â°F	DIN ISO 306

Electrical Properties	Metric	English	Comments
Surface Resistance	<= 1.00e+6 ohm	<= 1.00e+6 ohm	
Insulation Resistance	<= 1.00e+6 ohm	<= 1.00e+6 ohm	

Processing Properties	Metric	English	Comments
Processing Temperature	230 - 260 Â°C	446 - 500 Â°F	mass temp
Nozzle Temperature	220 - 250 Â°C	428 - 482 Â°F	
Zone 1	220 - 250 Â°C	428 - 482 Â°F	
Zone 2	220 - 250 Â°C	428 - 482 Â°F	
Zone 3	230 - 260 Â°C	446 - 500 Â°F	
Mold Temperature	40.0 - 80.0 Â°C	104 - 176 Â°F	
Drying Temperature	70.0 - 95.0 Â°C @Time 7200 - 14400 sec	158 - 203 Â°F @Time 2.00 - 4.00 hour	Dehumidifying dryer

Descriptive Properties	Value	Comments
Color	natural color (beige)	

## Contact Songhan Plastic Technology Co.,Ltd.

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