

## Amity Thermosets ATS 135 Phenolic Molding Inorganic and glass fiber Filler, Compression Molded

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Phenolic

### Material Notes:

Characteristics: Self lubricating Good mechanical strength Low co-efficient of friction Good thermal conductivity Heat stable (200°C) Good mouldability Not suitable for electrical application Color-blackMedium flow Applications:Grinding disc centres CastorsGas meter partsGas regulator knobs, etc. Information provided by Amity Thermosets Limited

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Amity-Thermosets-ATS-135-Phenolic-Molding-Inorganic-and-glass-fiber-Filler-Compression-Molded.php](http://www.lookpolymers.com/polymer_Amity-Thermosets-ATS-135-Phenolic-Molding-Inorganic-and-glass-fiber-Filler-Compression-Molded.php)

Physical Properties	Metric	English	Comments
Density	1.60 - 1.75 g/cc	0.0578 - 0.0632 lb/in <sup>3</sup>	Molding; IS 867-1963
Apparent Bulk Density	0.700 - 0.800 g/cc	0.0253 - 0.0289 lb/in <sup>3</sup>	IS 867-1963
Water Absorption	0.15 - 0.25 %	0.15 - 0.25 %	IS 13411-1993
Linear Mold Shrinkage	0.0010 - 0.0020 cm/cm	0.0010 - 0.0020 in/in	IS 13411-1992

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 - 60.0 MPa	7250 - 8700 psi	5 mm/min.; IS 867-1963
Shear Strength	80.0 - 90.0 MPa	11600 - 13100 psi	IS 867-1963
Izod Impact, Notched	0.400 - 0.500 J/cm	0.749 - 0.937 ft-lb/in	IS 13411-1992

Processing Properties	Metric	English	Comments
Mold Temperature	160 - 180 °C	320 - 356 °F	
Injection Pressure	15.68 - 34.3 MPa	2274 - 4970 psi	Mold Pressure
Cure Time	1.08 - 1.33 min	0.0181 - 0.0222 hour	per mm
Shelf Life	12.0 Month	12.0 Month	10-25°C

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China