

A. Schulman SCHULAMID® 6 MV14 Unreinforced Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-SCHULAMID-6-MV14-Unreinforced-Nylon-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ISO 1183/1

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	3.50 MPa	508 psi	ISO 527
Tensile Modulus	2.80 GPa	406 ksi	ISO 527
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 °C	190 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	32.2 °C	90.0 °F	ISO 75

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 275 °C	464 - 527 °F	
Mold Temperature	65.6 - 93.3 °C	150 - 200 °F	
Drying Temperature	79.4 °C	175 °F	
Dry Time	2 - 4 hour	2 - 4 hour	Predrying

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