

LNP Verton™ UF-700-10 Polyphthalamide, Long Glass Fiber Reinforcement (discontinued **)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

Forms: Pellets Processing Method: Injection Molding Information provided by LNP, a GE Plastics Company. This data sheet is labeled Discontinued; however many LNP grades are still active under new names instituted after the SABIC purchase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LNP-Verton-UF-700-10-Polyphthalamide-Long-Glass-Fiber-Reinforcement-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.63 g/cc	1.63 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	245 MPa	35500 psi	ISO 527-1, -2
Elongation at Break	1.5 %	1.5 %	ISO 527-1, -2
Tensile Modulus	20.4 GPa	2960 ksi	ISO 527-1, -2
Flexural Strength	360 MPa	52200 psi	ISO 178
Flexural Modulus	17.7 GPa	2570 ksi	ISO 178

Processing Properties	Metric	English	Comments
Melt Temperature	316 - 329 °C	601 - 624 °F	
Mold Temperature	135 - 163 °C	275 - 325 °F	
Drying Temperature	121 - 149 °C	250 - 300 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.15 %	0.15 %	Suggested
Back Pressure	0.172 - 0.345 MPa	24.9 - 50.0 psi	

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