

Ashley Polymers Ashlene® 521/522 Nylon 66, TiO2 Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

General purpose grades of Nylon 66 containing 0.2% and 1.0% TiO2 respectively.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-521522-Nylon-66-TiO2-Filled.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	66.0 MPa	9570 psi	ATSM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Modulus	2.20 GPa	319 ksi	ASTM D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	221 °C	430 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	ASTM D648

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