

TexRes PA 66 FG33

TexCo Resin - Polyamide 66

General Information

Product Description

33% Glass Fiber Reinforced, Nylon 66

Colors Available

Add "H" for Heat Stabilized

Add "HU" for Weatherable

Typical Properties, Dry as Molded

General

Filler / Reinforcement • Glass Fiber, 33% Filler by Weight

Appearance • Colors Available

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38		ASTM D792
Molding Shrinkage - Flow (0.125 in)	4.0E-3	in/in	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	1.10E+6	psi	ASTM D790
Flexural Strength	32000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.2	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	470	°F	ASTM D648
Peak Melting Temperature	482 to 509	°F	ASTM D789
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method