

TexRes PC FG30

TexCo Resin - Polycarbonate

General Information

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Filler / Reinforcement • Glass Fiber, 30% Filler by Weight

Properties¹

Physical	Nominal Value	Unit	Test Method
Specific Volume	89.1	in ³ /lb	ASTM D792
Melt Mass-Flow Rate (MFR)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18000	psi	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	1.20E+6	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.7	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	300	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method