

**PRODUCT INFORMATION****Material:** PC/Polyester Alloy**Effective Date:** June-03**Grade:** PC/TP-GP3-G30**Description:** Excellent Chemical Resistnace, 30% Glass Filled

TYPICAL PROPERTIES	VALUE	UNIT	TEST METHOD
Physical*			
Melt Flow Rate 265C/2.16kg	1-8	g/10 min	ASTM D1238
Specific Gravity	1.44		ASTM D792
Mold Shrinkage	4-6	E-3 in/in	ASTM D955
Mechanical*			
Tensile Strength, Break	13,000	psi	ASTM D638
Tensile Strength, Yield	13,000	psi	ASTM D638
Flexural Strength	19,500	psi	ASTM D790
Flexural Modulus	775	psi x 1000	ASTM D790
Impact*			
Notched Izod Impact Strength	2.7	ft-lb/in.	ASTM D256
Gardner Falling Dart Impact (minimum)		in-lbs.	ASTM D3029
Thermal*			
HDT @ 66 psi	390	°F	ASTM D648
HDT @ 264 psi	290	°F	ASTM D648
Flammability			
UL File Number, USA	not listed		
UL 94 rating			

* All physical, mechanical and thermal testing conducted on 1/8-inch thick, un-pigmented, test samples.
 tested dry as molded(DAM) and foam grades tested with un-foamed parts.

Nylon grades are

TYPICAL PROCESSING CONDITIONS**Processing Method: Injection Molding**

Drying Temperature	225-235	°F	
Drying Time	4-6	Hours	Do not exceed 8 hours
Melt Temperature	500-550	°F	
Mold Temperature	150-200	°F	
Front Zone	500-540	°F	
Middle Zone	490-530	°F	
Rear Zone	480-520	°F	

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