



**PRODUCT INFORMATION**

**Material:** PC/Polyester Alloy **Effective Date:** June-03  
**Grade:** PC/TP-GP3-G10  
**Description:** Excellent Chemical Resistnace, 10% Glass Filled

TYPICAL PROPERTIES	VALUE	UNIT	TEST METHOD
<b>Physical*</b>			
Melt Flow Rate 265C/2.16kg	2-10	g/10 min	ASTM D1238
Specific Gravity	1.30		ASTM D792
Mold Shrinkage	7-10	E-3 in/in	ASTM D955
<b>Mechanical*</b>			
Tensile Strength, Break	9,000	psi	ASTM D638
Tensile Strength, Yield	9,000	psi	ASTM D638
Flexural Strength	14,000	psi	ASTM D790
Flexural Modulus	400	psi x 1000	ASTM D790
<b>Impact*</b>			
Notched Izod Impact Strength	3.5	ft-lb/in.	ASTM D256
Gardner Falling Dart Impact (minimum)		in-lbs.	ASTM D3029
<b>Thermal*</b>			
HDT @ 66 psi	325	°F	ASTM D648
HDT @ 264 psi	225	°F	ASTM D648
<b>Flammability</b>			
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. Nylon grades are tested dry as molded(DAM) and foam grades tested with un-foamed parts.

**TYPICAL PROCESSING CONDITIONS**

<b>Processing Method: Injection Molding</b>			
Drying Temperature	220-230	°F	
Drying Time	4-6	Hours	Do not exceed 8 hours
Melt Temperature	500-550	°F	
Mold Temperature	150-190	°F	
Front Zone	500-540	°F	
Middle Zone	490-530	°F	
Rear Zone	480-520	°F	

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