

**PRODUCT INFORMATION****Material:** Modified-PPO**Effective Date:** June-03**Grade:** PPX-GP8**Description:** General Purpose, Impact Modified

TYPICAL PROPERTIES	VALUE	UNIT	TEST METHOD
Physical*			
Melt Flow Rate 250C/11.6kg	8-14	g/10 min	ASTM D1238
Specific Gravity	1.04		ASTM D792
Mold Shrinkage	5-7	E-3 in/in	ASTM D955
Mechanical*			
Tensile Strength, Break	6,500	psi	ASTM D638
Tensile Strength, Yield	6,500	psi	ASTM D638
Flexural Strength	10,000	psi	ASTM D790
Flexural Modulus	285	psi x 1000	ASTM D790
Impact*			
Notched Izod Impact Strength	7.0	ft-lb/in.	ASTM D256
Gardner Falling Dart Impact (minimum)	320	in-lbs.	ASTM D3029
Thermal*			
HDT @ 66 psi	240	°F	ASTM D648
HDT @ 264 psi	230	°F	ASTM D648
Flammability			
UL File Number, USA	not listed		
UL 94 rating		HB (0.125 in)	
		HB (0.0625 in)	

* 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	220-230	°F	
Drying Time	3-4	Hours	Do not exceed 8 hours
Melt Temperature	525-575	°F	
Mold Temperature	150-210	°F	
Front Zone	510-580	°F	
Middle Zone	490-570	°F	
Rear Zone	470-560	°F	

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