

**PRODUCT INFORMATION**

Material: Modified-PPO
Grade: PPX-G30
Description: 30% Glass Reinforced

Effective Date: June-03

TYPICAL PROPERTIES	VALUE	UNIT	TEST METHOD
Physical*			
Melt Flow Rate 250C/11.6kg	1-4	g/10 min	ASTM D1238
Specific Gravity	1.28		ASTM D792
Mold Shrinkage	1-4	E-3 in/in	ASTM D955
Mechanical*			
Tensile Strength, Break	15,000	psi	ASTM D638
Tensile Strength, Yield	15,000	psi	ASTM D638
Flexural Strength	19,000	psi	ASTM D790
Flexural Modulus	1,000	psi x 1000	ASTM D790
Impact*			
Notched Izod Impact Strength	1.5	ft-lb/in.	ASTM D256
Gardner Falling Dart Impact (minimum)	NA	in-lbs.	ASTM D3029
Thermal*			
HDT @ 66 psi	300	°F	ASTM D648
HDT @ 264 psi	290	°F	ASTM D648
Flammability			
UL File Number, USA	E113219		
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	560-600	°F	
Mold Temperature	180-240	°F	
Front Zone	540-600	°F	
Middle Zone	520-590	°F	
Rear Zone	500-580	°F	

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