

“Compounding for the Best”

GPP6100-116C

Application: Specially engineered, low bloom, low specific gravity, flame retardant polypropylene compound designed with halogen based technology. Exhibits a unique balance of high flexural modulus and high impact. It is designed for use in injection molded industrial power supply systems and to meet their stringent criterion. The superior balance of flow, allows the material to maintain excellent aesthetics over long flow lengths. Available in a wide spectrum of colors.

PRODUCT SPECIFICATIONS

Property	Units	Value	Test Method
Specific Gravity	g/cm ³	1.14 – 1.17	ASTM D792
Melt Flow Rate	g/10 min	16 - 20	ASTM D1238
Tensile Strength @ Yield	PSI	3,800 min.	ASTM D638
Tensile Strength @ Break	PSI	2,600 min.	ASTM D638
Ultimate Elongation	%	28 min.	ASTM D638
Flexural Modulus, Tangent, Method B	PSI	325,000 ave.	ASTM D790
Flammability	1/16”	V-0	UL 94
Impact, Gardner (GB)	ft-lb/in	9.3 min	ASTM D5420
Izod Impact, notched	ft-lb/in	0.85 nom. / 0.60 min.	ASTM D256
Oxygen Index	%	25 min.	ASTM D2863
Electro-Chemical Compatibility	Pass	Pass	
Deflection Temp	°C	107.4 @ 66 PSI 54.6 @ 264 PSI	ASTM D648
Vicat Softening Temp	°C	148.6	ASTM D1525
Dielectric Strength, Method A @ 0.134”	V/mil	480	ASTM D149
Breakdown Voltage	kV	64	ASTM D149

Our Staff is available to answer questions and provide technical assistance at (978) 537-8261

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