

# GPP™ NH3 Natural

Polypropylene  
S&E; Specialty Polymers, LLC

Message:

GPP™NH3 Natural is a polypropylene product. It is available in North America. Typical application areas are: housing.  
Features include:  
flame retardant/rated flame  
Flame Retardant  
Halogen-free

General Information			
Features	Halogen-free		
	Flame retardancy		
Uses	Electric Motor Housings		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	20.7	MPa	ASTM D638
Fracture	13.8	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	5.87	J/cm	ASTM D4226
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Oxygen Index	30	%	ASTM D2863
Additional Information			

Melt Flow Rate, ASTM D1238: 15 to 25 g/10 minSuggested Stock Temperature: 380-410°FThe value listed as Dart Impact Resistance ASTM D4226, was tested in accordance with ASTM D3029.

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