

# GPP™ 1001HFNH-2

Polypropylene  
S&E; Specialty Polymers, LLC

Message:

GPP™1001HFNH-2 is a polypropylene product. It can be processed by injection molding and is available in North America.

Features include:

flame retardant/rated flame

Flame Retardant

Halogen-free

General Information			
Features	Halogen-free		
	Flame retardancy		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	19.7	MPa	ASTM D638
Fracture	16.5	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	9.61	J/cm	ASTM D4226
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 kHz)	2.40		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.794 mm	V-2		UL 94
1.59 mm	V-0		UL 94
Oxygen Index	32	%	ASTM D2863
Additional Information			

Suggested Stock Temperature: 370-420°FThe value listed as Dart Impact Resistance ASTM D4226, was tested in accordance with ASTM D3029.

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Recommended distributors for this material

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