

GPP™ 1001HFNH

Polypropylene
S&E; Specialty Polymers, LLC

Message:

GPP™1001HFNH 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	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	18.6	MPa	ASTM D638
Fracture	13.8	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance	9.61	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
RTI Elec	105	°C	UL 746
RTI Imp	105	°C	UL 746
RTI	105	°C	UL 746
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	30	%	ASTM D2863
Additional Information			

Melt Flow Rate, ASTM D1238: 10 to 20 g/10 minSuggested Stock Temperature: 370-390°FThe value listed as Drop Impact Resistance ASTM D4226, was tested in accordance with ASTM D3029.

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Recommended distributors for this material

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