

Maxxam™ FR PP H6 GF25 NHFR grey

Polypropylene
PolyOne Corporation

Message:

Maxxam™ FR PP H6 GF25 NHFR grey is a Polypropylene product. It can be processed by blow molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Medical/Healthcare.

Characteristics include:

Flame Rated
Flame Retardant
Impact Resistant

General Information			
Features	Flame Retardant		
	High Impact Resistance		
	Low Flow		
Agency Ratings	USP Class VI		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	1.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	25.9	MPa	ASTM D638
Tensile Elongation ³ (Break)	150	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	80	J/m	ASTM D256A
Gardner Impact (23°C, 3.18 mm)	15.8	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	93.3	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm, NC)	HB		UL 94
NOTE			
1.	Procedure A		
2.	Type I, 51 mm/min		
3.	Type I, 51 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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