

## Multibase Multi-Flamâ„ç 205 HFRI Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Features:Flame Retardant Forms:PelletsProcessing Methods:Injection MoldingInformation provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flam-205-HFRI-Polypropylene.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flam-205-HFRI-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	4.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	15.2 MPa	2200 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	20.7 MPa	3000 psi	ASTM D790
Flexural Modulus	1.72 GPa	250 ksi	Method I (3 point load), Procedure B); ASTM D790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D256
Gardner Impact	18.98 J	14.00 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.1 Â°C	169 Â°F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 Â°C	149 Â°F	Unannealed; ASTM D648
Vicat Softening Point	120 Â°C	248 Â°F	ASTM D1525
Flammability, UL94	V-0	V-0	0.125 in
	V-0	V-0	0.0625 in
Oxygen Index	26 %	26 %	ASTM D2863

**Contact Songhan Plastic Technology Co.,Ltd.**

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