

Multibase Nylex™ 2185 HF Black Polyamide + PP

Category : Polymer , Thermoplastic , Nylon , Polypropylene (PP)

Material Notes:

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Nylex-2185-HF-Black-Polyamide-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM 792
Linear Mold Shrinkage	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	ASTM D955
Melt Flow	9.7 g/10 min @Load 2.16 kg, Temperature 230 °C	9.7 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	29.6 MPa	4300 psi	ASTM D638
Elongation at Break	38 %	38 %	ASTM D638
Flexural Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	1.45 GPa	210 ksi	Method I (3 point load), Procedure B); ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	73°F; ASTM D256
Gardner Impact	19.77 J	14.58 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	Unannealed; ASTM D648
Vicat Softening Point	150 °C	302 °F	ASTM D1525
Flammability, UL94	HB	HB	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China