

MRC Polymers NAXALOY,ç 793MF6 PC + Polyester Blend, 6% Mineral Filled

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/PET Polyester Blend , Polyester, TP

Material Notes:

Available in natural and custom colors Can be UV Stabilized Internal and external lubricants can be added
Information provided by MRC Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MRC-Polymers-NAXALOY-793MF6-PC-Polyester-Blend-6-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D 792
Water Absorption at Saturation	0.20 - 0.30 %	0.20 - 0.30 %	ASTM D 1238
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D 955
Melt Flow	13 g/10 min	13 g/10 min	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	54.0 MPa	7830 psi	ASTM D 638
Elongation at Break	70 %	70 %	ASTM D 638
Flexural Strength	90.0 MPa	13100 psi	ASTM D 790
Flexural Modulus	2.69 GPa	390 ksi	ASTM D 790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 Â°C	248 Â°F	ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	95.0 Â°C	203 Â°F	ASTM D 648

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