

Mytex Polymers AS23K-01 Polypropylene, Talc filled, Compounded, Non-UV stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

Material Notes:

Description: A non-UV stabilized talc filled compounded polypropylene produced for automotive interior applications using Mytex® Technology. Key Applications: General purpose interior Information provided by Mytex Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mytex-Polymers-AS23K-01-Polypropylene-Talc-filled-Compounded-Non-UV-stabilized.php

Physical Properties	Metric	English	Comments
Density	1.004 g/cc	0.03627 lb/in ³	ASTM D792
Melt Flow	17 g/10 min	17 g/10 min	ASTM D1238
Ash	15 %	15 %	ISO 3451-1

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	50 mm/min; ISO 527
Flexural Modulus	2.132 GPa	309.2 ksi	Chord; 2 mm/min; 64 mm Span; ISO 178
Izod Impact, Notched (ISO)	2.00 kJ/m ² @Temperature -40.0 °C	0.952 ft-lb/in ² @Temperature -40.0 °F	ISO 180
	4.00 kJ/m ² @Temperature 23.0 °C	1.90 ft-lb/in ² @Temperature 73.4 °F	ISO 180
Charpy Impact, Notched	0.700 J/cm ² @Temperature 23.0 °C	3.33 ft-lb/in ² @Temperature 73.4 °F	ISO 179 / 1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	241 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75

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