

Arkema Group Appryl® HXN 1240 Polypropylene, 40% Talc Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

Compound of a PP homopolymer and 40% talc, warm stabilized suitable for under hood automotive applications. ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Appryl-HXN-1240-Polypropylene-40-Talc-Filled.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	50 mm/min
Elongation at Break	8.0 %	8.0 %	Nominal Strain; 50 mm/min
Elongation at Yield	4.5 %	4.5 %	50 mm/min
Tensile Modulus	3.12 GPa	453 ksi	1 mm/min
Charpy Impact Unnotched	2.30 J/cm ²	10.9 ft-lb/in ²	
	1.10 J/cm ² @Temperature -30.0 °C	5.24 ft-lb/in ² @Temperature -22.0 °F	
Charpy Impact, Notched	0.250 J/cm ²	1.19 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Melting Point	163 °C	325 °F	10°C/min
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	
Deflection Temperature at 1.8 MPa (264 psi)	73.0 °C	163 °F	
Vicat Softening Point	91.0 °C	196 °F	50°C/hr; 50N

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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