

Eurostar Starpylen HU 30E4 ECR PP, Mineral Filled, Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Starpylen HU 30E4 ECR is a reinforced Polypropylene with a low carbon footprint renewable mineral filler, Injection Molding Resin (also known as HUS30E4ECR) Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Starpylen-HU-30E4-ECR-PP-Mineral-Filled-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.018 - 0.020 cm/cm @Thickness 4.00 mm	0.018 - 0.020 in/in @Thickness 0.157 in	E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	ISO 527
Elongation at Break	8.0 %	8.0 %	ISO 527
Flexural Strength	41.0 MPa	5950 psi	ISO 178
Flexural Modulus	2.10 GPa	305 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	80x10x4; ISO 180/1A
Izod Impact, Unnotched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	80x10x4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	61.0 °C	142 °F	Flatw 80x10x4, sp=64 mm; ISO 75/Af

Processing Properties	Metric	English	Comments
Zone 1	190 - 200 °C	374 - 392 °F	
Zone 2	190 - 200 °C	374 - 392 °F	
Zone 3	190 - 200 °C	374 - 392 °F	
Melt Temperature	190 - 200 °C	374 - 392 °F	
Mold Temperature	35.0 - 50.0 °C	95.0 - 122 °F	
Drying Temperature	70.0 °C @Time 10800 sec	158 °F @Time 3.00 hour	

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