

Hostacom TYC 2101N C12507

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom TYC 2101N C12507 is a 30% talc filled PP copolymer, with good impact/stiffness balance, very good flowability, good scratch resistance and very good blooming resistance at elevated temperatures. Product is available as a customized color matched, pellet form. This grade is delivered in C12507 color version.

For regulatory compliance information, see Hostacom TYC 2101N C12507 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS). This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Features	No frost		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good formability		
	Good liquidity		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car interior equipment		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	16.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1900	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.0	kJ/m²	ISO 179/1eA
23°C	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A
Vicat Softening Temperature	128	°C	ISO 306/A

NOTE

1. 1.0 mm/min

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