

Hifax TRC 228P 2 C12509

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TRC 228P 2 C12509 is a 12% talc filled PP copolymer, with good processability, high impact resistance, good scratch resistance, very good surface appearance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12509 color version. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 12% filler by weight		
Features	Impact resistance, high		
	Good UV resistance		
	Workability, good		
	Scratch resistance		
	Good appearance		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.00	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.5	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1300	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	5.0	kJ/m²	ISO 180/1A
23°C	45	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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