

Hostacom TRC483N

Polypropylene Copolymer

LyondellBasell Industries

Message:

TRC483N is a 17% mineral filled polypropylene copolymer for injection moulding. It combines a good flowability with a good stiffness, an excellent impact behaviour and very good scratch resistance.

General Information			
Filler / Reinforcement	Mineral, 17% Filler by Weight		
Features	Copolymer		
	Good Flow		
	Good Processability		
	Good Stiffness		
	Good Surface Finish		
	High Impact Resistance		
	Medium Gloss		
	Scratch Resistant		
Uses	Automotive Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.5	MPa	ISO 527-2/50
Flexural Modulus - Secant (23°C)	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	7.0	kJ/m ²	
23°C	53	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	51.0	°C	ISO 75-2/A

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Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

