

Hifax TRC 221X 3001

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TRC 221X 3001 is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance and very low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in 3001 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Low CLTE		
	Rigid, good		
	Copolymer		
	Impact resistance, high		
	High liquidity		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.04	g/cm³	ISO 1183/A
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)	16.5	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1500	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	3.5	kJ/m²	ISO 179/1eA
23°C	55	kJ/m²	ISO 179/1eA
Notched Izod Impact			ISO 180/1A
-40°C	5.0	kJ/m²	ISO 180/1A
23°C	48	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT