

# Hifax TRC 221X 1 BLACK

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hifax TRC 221X/1 BLACK is a 22% talc filled PP copolymer, with medium melt flow, good impact/stiffness balance, very low CLTE and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

For regulatory compliance information, see Hifax TRC 221X/1 BLACK 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, 22% filler by weight		
Features	Low CLTE		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good UV resistance		
	Medium liquidity		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.05	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)	16.0	MPa	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	1500	MPa	ISO 178/A
Flexural Stress <sup>2</sup> (23°C)	22.0	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	8.0	kJ/m²	ISO 180/1A
23°C	55	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	45.0	°C	ISO 306/B
NOTE			
1.	1.0 mm/min		

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