

# Hifax TRC 447X BLACK

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hifax TRC 447X BLACK is a 22% talc filled PP copolymer, with high flowability and high stiffness. Product is available in black color, pellet form. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 22% filler by weight		
Features	Rigidity, high		
	Rigid, good		
	Copolymer		
	Sprayable		
	High 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/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	2300	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.0	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	15	kJ/m <sup>2</sup>	ISO 179/1eA
NOTE			
1.	1.0 mm/min		

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