

# Hifax 5519/1 G 1750

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hifax 5519/1 G 1750 is a less than 10% talc filled PP copolymer, with good impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 1750 color version.

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

General Information			
Filler / Reinforcement	Talc filler, 10% filler by weight		
Features	Impact resistance, good		
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)	0.970	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	1250	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.2	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	60	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	47.0	°C	ISO 75-2/A
Vicat Softening Temperature	125	°C	ISO 306/A
NOTE			
1.	1.0 mm/min		

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