

Hifax 5519/1

Polypropylene
LyondellBasell Industries

Message:
"Hifax" 5519/1 is a PP/EPR-Blend, mineral filled, impact modified.

General Information			
Filler / Reinforcement	Mineral		
Additive	Impact Modifier		
Features	Impact Modified		
Uses	Automotive Bumper		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Molding Shrinkage			ISO 2554
Across Flow	1.1	%	
Flow	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	100	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.0	kJ/m ²	
-20°C	8.0	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/A50
CLTE - Flow ² (30 to 85°C)	7.0E-5	cm/cm/°C	DIN 53752
NOTE			
1.	2.0 mm/min		
2.	Final Part		

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