

Technical Data Sheet

Hostacom CR 1171 G1A G14008

LYB LyondellBasell

Polypropylene Compounds

Product Description

Hostacom CR 1171 G1A is a 12% talc filled PP copolymer, with medium melt flow rate, high impact resistance and excellent UV resistance. This grade is delivered in customer customized colors. This Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

Application Instrument Panels

Market Automotive

Processing Method Injection Molding

Attribute Good UV Resistance; High Impact Resistance; Medium Flow

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133-1
Density, (23 °C)	0.99	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1800	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	26	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	20	kJ/m²	ISO 180/1A
(-30 °C)	4.2	kJ/m²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (B50)	54	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	54	°C	ISO 75A-1, -2