

Technical Data Sheet

Hostacom X 4305 LS71 BLACK



Polypropylene Compounds

Product Description

Hostacom X 4305 LS71 BLACK is a 22% talc filled PP copolymer, with good stiffness, good impact resistance and good UV resistance. The product is available in black color, pellet form.

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

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Stiffness; Good UV Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	18	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2200	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	27	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	65	kJ/m ²	ISO 179-1/1eU
(0 °C)	40	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	74	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	107	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	60	°C	ISO 75A-1, -2