

Hostacom X 4305 LS71

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" x 4305 LS71 is a 20% mineral filled PP copolymer with good stiffness toughness balance and very high UV resistance for interior applications.

General Information	
Filler / Reinforcement	Mineral,20% Filler by Weight
Additive	UV Stabilizer
Features	Copolymer
	Good Stiffness
	Good Toughness
	Good UV Resistance
Uses	Automotive Applications
	Automotive Interior Parts

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	16	g/10 min	
230°C/5.0 kg	67	g/10 min	
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	18.0	cm ³ /10min	
230°C/5.0 kg	78.0	cm ³ /10min	
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	71.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2200	MPa	ISO 527-2
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus - Secant	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	15	kJ/m ²	
0°C	40	kJ/m ²	
23°C	60	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	82.0	°C	ISO 306

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