

Hostacom X 4305 HL86

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" X 4305 HL86 is a 20% mineral filled PP copolymer with good stiffness toughness balance and very high UV resistance for outdoor 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 Exterior Parts
	Automotive Interior Parts
	Outdoor Applications

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	2300	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	30	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	105	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	148	°C	ISO 306/A50

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