

Hostacom X 4305 LS71 BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Talc filler, 22% filler by weight		
Features	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good UV resistance		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.04	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	18.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2200	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	5.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	40	kJ/m ²	ISO 179/1eU
23°C	65	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	107	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	74.0	°C	ISO 306/B

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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