

Hostacom HKG 247T Black

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom HKG 247T Black is a 40% glass fiber reinforced PP homopolymer (coupled). It combines very high stiffness properties with high fluidity, good dimensional stability and low creep under load at elevated temperatures. The grade is available in black color, pellet form. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Good Creep Resistance		
	Good Dimensional Stability		
	High Flow		
	High Rigidity		
	High Strength		
	Homopolymer		
Uses	Automotive Applications		
	Automotive Under the Hood		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	5.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	9500	MPa	ISO 527-2/1
Tensile Stress (Break)	110	MPa	ISO 527-2/5
Tensile Strain (Break)	2.5	%	ISO 527-2/5
Flexural Modulus - Secant	9000	MPa	ISO 178
Flexural Stress (23°C)	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.0	kJ/m ²	
0°C	9.4	kJ/m ²	
23°C	11	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	48	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	
Carbon Emission ¹	< 50.0	µg/g	
Long Term Aging (150°C, 1.00 mm)	1.4	month	ISO 4577
NOTE			
1.	VW TL50180		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

