

Hostacom TKG 324N Black

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

"Hostacom" TKG 324N is a 30% glass fiber reinforced PP elastomer blend (coupled). It has a very good balance of processability, impact resistance and stiffness for injection moulding. The grade is available in black color, pellet form.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled Good Processability High Impact Resistance High Rigidity High Tensile Strength		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5100	MPa	ISO 527-2/1
Tensile Stress (Break)	50.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	5000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	8.0	kJ/m ²	
23°C	15	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	45	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	135	°C	ISO 75-2/A

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