Hostacom EKC 318D NAT

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom EKC 318D NAT is a mineral filled PP copolymer with medium melt flow rate.
For regulatory compliance information, see Hostacom EKC 318D NAT Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Mineral filler		
Features	Copolymer Medium liquidity		
Uses	Battery box Electrical/Electronic Applications		
Appearance	Natural color		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	1.05	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	14.0	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	1950	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	22.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	4.0	%	ISO 527-2
Flexural Modulus [1] (23°C)	2000	MPa	ISO 178/A
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
0°C	4.0	kJ/m²	ISO 179/1eA
23°C	8.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	50	kJ/m²	ISO 179/1eU
23°C	100	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	100	°C	ISO 75-2/B
1.8 MPa, not annealed	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	60.0	°C	ISO 306/B

NOTE	
1.	1.0 mm/min

Recommended distributors for this material

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