

Hostacom EKC 330N NA 4PK SOUL

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom EKC 330N NA 4PK SOUL high melt flow, medium high flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent impact/stiffness balance, good flowability properties and excellent scratch resistance. It is typically used for interior automotive applications. For regulatory compliance information, see Hostacom EKC 330N NA 4PK SOUL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Filler / Reinforcement	Mineral filler		
Features	Rigid, good		
	Impact resistance, good		
	High liquidity		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car interior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A
NOTE			
1.	2.0 mm/min		

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