

Hostacom TKC710N

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Product Description

Hostacom TKC710N medium melt flow, 1800 MPA flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact and scratch and mar resistance. It was designed primarily for molded-in color and painted automotive instrument panels that require high durability.

General

Filler / Reinforcement	• Mineral Filler		
Features	• Durable • Good Moldability • Good Processability	• High Impact Resistance • High Rigidity • Medium Flow	• Paintable • Scratch Resistant
Uses	• Automotive Applications	• Automotive Instrument Panel	
Forms	• Pellets		

Physical	Nominal Value Unit	Test Method
Density	1.01 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10 g/10 min	ISO 1133
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield)	24.0 MPa	ISO 527-2
Tensile Strain (Yield)	6.0 %	ISO 527-2
Flexural Modulus	1800 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength		ISO 180
-40°C	2.5 kJ/m ²	
23°C	40 kJ/m ²	
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		
0.45 MPa, Unannealed	110 °C	ISO 75-2/B
1.8 MPa, Unannealed	65.0 °C	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.