basell Polyolefins

Hostacom TKC710N

Compounded Polyolefin

Product Description

Hostacom TKC710N medium melt flow, 1,800 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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Moulding
Features	Flow, Medium, Impact Resistance, High, Moldability, Good, Paintable, Rigidity, High
Typical Customer Applications	Instrument Panels, Automotive Parts

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.01	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	10	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	24	MPa
Tensile Strain at Yield	ISO 527-1, -2	6	%
Flexural modulus	ISO 178	1800	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		40	kJ/m²
(-40 °C)		2.5	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	110	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	65	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.