

Product Description

Hostacom TKC 1225N Natural is a 12% mineral-filled thermoplastic olefin (TPO) resin with medium melt flow that has an excellent balance of processability, stiffness, cold temperature impact and scratch and mar resistance. It is typically used for molded-in-color high impact interior and other interior trim applications.

Application	Instrument Panels; Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Good Moldability; High Impact Resistance; Low Density; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133-1
Density, (23 °C)	0.97	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1550	MPa	ISO 178
Tensile Stress at Yield	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	65	kJ/m ²	ISO 179
(-40 °C)	5	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

