



Hostacom TKC 1225N NATURAL

LyondellBasell Industries - Polypropylene

General Information

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.

General

Features	<ul style="list-style-type: none"> Excellent Processability Good Moldability 	<ul style="list-style-type: none"> Good Scratch Resistance High Impact Resistance 	<ul style="list-style-type: none"> Low Density
Uses	<ul style="list-style-type: none"> Automotive Applications 	<ul style="list-style-type: none"> Automotive Instrument Panel 	<ul style="list-style-type: none"> Automotive Interior Parts
Processing Method	<ul style="list-style-type: none"> Injection Molding 		

Properties¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2760	psi	ISO 527-2
Flexural Modulus	225000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-40°F	2.4	ft·lb/in ²	
73°F	31	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	122	°F	