

Hostacom TKC 782N NATRL

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom TKC 782N NATRL high melt flow, medium flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It is typically used for automotive interior components that require balanced impact and stiffness characteristics.

General

Features	<ul style="list-style-type: none"> • Good Colorability • Good Moldability 	<ul style="list-style-type: none"> • High Flow • Low Temperature Impact Resistance 	<ul style="list-style-type: none"> • Medium Rigidity
Uses	<ul style="list-style-type: none"> • Automotive Applications 	<ul style="list-style-type: none"> • Automotive Interior Parts 	
Processing Method	<ul style="list-style-type: none"> • Injection Molding 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2540	psi	ISO 527-2
Tensile Strain (Yield)	12	%	ISO 527-2
Flexural Modulus	184000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-22°F	17	ft-lb/in ²	
73°F	29	ft-lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	185	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	127	°F	ISO 75-2/A