Hostacom TYC727N NATRL

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom TYC 727N NATRL is a high melt flow, 2,000 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin that has an excellent balance of processability, rigidity, impact, and scratch and mar resistance. It is typically used for molded-in color automotive instrument panels that require high durability.

General

Features	• Good Dimensional Stability • Good Impact Resistance	• Good Moldability • Good Scratch Resistance	• High Flow • High Rigidity
Uses	• Automotive Applications	• Automotive Instrument Panel	• Automotive Interior Parts
Processing Method	• Injection Molding		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.02	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	3340	psi	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2
Flexural Modulus	290000	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength			ISO 180
-40°F	1.7	ft·lb/in²	
73°F	14	ft·lb/in²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (66 psi, Unannealed)	230	°F	ISO 75-2/B
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	135	°F	
CLTE - Flow (-22 to 212°F)	2.7E-5	in/in/°F	ISO 11359-2