

Hostacom PPN 1034 12

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom PPN 1034 12 is an unfilled PP copolymer with medium melt flow rate and good low temperature impact resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

General

Features	<ul style="list-style-type: none"> Low Temperature Impact Resistance Medium Flow
Uses	<ul style="list-style-type: none"> Automotive Applications Automotive Under the Hood
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	13	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	15	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	152000	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	3480	psi	ISO 527-2
Tensile Strain (Yield, 73°F)	8.0	%	ISO 527-2
Flexural Modulus (73°F)	145000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	24	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
32°F	No Break		
73°F	No Break		
Notched Izod Impact Strength			ISO 180
-22°F	1.9	ft·lb/in ²	
73°F	24	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	176	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	131	°F	ISO 75-2/A
Vicat Softening Temperature	154	°F	ISO 306/B50

Disclaimer

This grade is not intended for medical, pharmaceutical, food and drinking water applications.