

Hostacom M2 U02 102942

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom M2 U02 102942 is a 20% talc filled PP homopolymer, with high stiffness and dimensional stability. The product is available as a customized color matched, pellet form. This grade is delivered in 102942 color version.

General

Features	<ul style="list-style-type: none"> High Flow
Uses	<ul style="list-style-type: none"> Automotive Applications
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.04	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	13	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	377000	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	4640	psi	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.4	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	24	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	248	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	158	°F	ISO 75-2/A
Vicat Softening Temperature	203	°F	ISO 306/B50

Disclaimer

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