

Hostacom X M2 U34 102942

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom X M2 U34 102942 is a 22% talc filled PP homopolymer, with high flowability, high stiffness, low odour and high thermal resistance. Product is available as non color matched, black, pellet form. This grade is delivered in 102942 color version.

General

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)	1.06	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	12	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	421000	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	5080	psi	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	0.95	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	19	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
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.