

# Hostacom M2 N01 102942

## LyondellBasell Industries - Polypropylene

### General Information

#### Product Description

Hostacom M2 N01 102942 is a 20% talc filled PP homopolymer, with low melt flow rate and good stiffness. The product is available in black color, pellet form. This grade is delivered in 102942 color version.

#### General

Features	• Low Flow
Uses	• Automotive Applications      • Automotive Under the Hood
Processing Method	• Injection Molding

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.06	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	9.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	10	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	392000	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)	2.4	ft·lb/in <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	26	ft·lb/in <sup>2</sup>	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

#### Disclaimer

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