

Hostacom M1 U01 102942

PP HOMO-T10

LyondellBasell Industries

Hostacom

M1 U01 102942 is a 10% talc filled PP homopolymer, with high melt flow rate, good stiffness, good toughness and high gloss. Product is available as a customized color matched, pellet form. This grade is delivered in 102942 color version.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Yield strain	6	%	ISO 527
Impact Strength (Charpy), +23°C	50	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	2.5	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	95	°C	ISO 306
Burning Behav. at 1.5 mm Nom. Thicken.	HB	class	UL 94
Thickness tested	1.5	mm	-
Burning Behav. at thickness h	HB	class	UL 94
Thickness tested	2.0	mm	-

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	970	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Features

High Gloss, Homopolymer

Delivery form

Granules

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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