

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	cm³/10min	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/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	2.5	kJ/m²	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. Thickn.	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/m³	ISO 1183

Characteristics
Processing

Injection Molding

Delivery form

Granules

Features

High Gloss, Homopolymer