

Product Texts

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.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	12	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2900	MPa	ISO 527
^[C] Yield stress	35	MPa	ISO 527
^[C] Yield strain	4.7	%	ISO 527
^[C] Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	168	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	118	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	97	°C	ISO 306
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
^[C] Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	2.0	mm	-
^[C] Burning rate, FMVSS, Thickness 1 mm	60	mm/min	ISO 3795 (FMVSS 302)

[C]: CAMPUS

Electrical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	>1E15	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1060	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Delivery form

Granules, Black

Special Characteristics

Heat stabilized or stable to heat

Features

Low Odor, Homopolymer

Regional Availability

North America, Europe