

Product Texts

Hostacom

PPR 1042 12 is an unfilled PP copolymer, with medium melt flow and good impact resistance. This grade is delivered in black color version.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	6	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	1100	MPa	ISO 527
^[C] Yield stress	26	MPa	ISO 527
^[C] Yield strain	7	%	ISO 527
^[C] Nominal strain at break	>50	%	ISO 527
^[C] Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	70	°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]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	900	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Granules, Black

Regional Availability

Europe

Special Characteristics

High impact or impact modified