



Hostalen PP H2222 36

Polypropylene, Impact Copolymer

Product Description

Hostalen PP H2222 36 is a polypropylene blockcopolymer grey coloured similar to RAL 7032 (pebble grey).

The product has a high heat stability and extremely high extraction stability. .

For regulatory information please refer to *Hostalen* PP H2222 36 Product Stewardship Bulletin (PSB).

Hostalen PP H2222 36 is not intended for medical and pharmaceutical applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Extrusion Pipe Sheet and Semi Finished Products
Features	Antioxidant, Block Copolymer
Typical Customer Applications	Industrial, Plumbing, Heating & Cooling

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.912	g/cm ³
Melt flow rate (MFR)	ISO 1133		
(230°C/2.16Kg)		0.3	g/10 min
(190°C/5.0kg)		0.5	g/10 min
(230°C/5.0kg)		1.3	g/10 min
Mechanical			
Tensile Modulus (23 °C, v = 1 mm/min, Secant)	ISO 527-1, -2	1350	MPa
Tensile Stress at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	30	MPa
Tensile Strain at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	12	%
Tensile Creep Modulus 1h	ISO 899-1	1050	MPa
Tensile Creep Modulus 1000h	ISO 899-1	510	MPa
Impact			
Charpy notched impact strength	ISO 179		
(23 °C)		50	kJ/m ²
(0 °C)		13	kJ/m ²
(-30 °C)		5.8	kJ/m ²
Hardness			
Shore hardness (Shore D (3 sec))	ISO 868	67	
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	91	°C
Vicat softening temperature	ISO 306		
(VST/A/50 K/h (10 N))		158	°C
(VST/B/50 K/h (50 N))		81	°C
Melting Temperature	ISO 3146	165	°C

Additional Properties

Processing:

The recommended conditions will depend on the type of equipment used and the size and wall thickness of the pipe or profile required.

Recommended melt temperatures: 200-230 °C

Recommended injection moulding temperatures: 200-280 °C

Notes

Typical properties; not to be construed as specifications.