Hostalen PP H2483

Polypropylene, Impact Copolymer

Product Description

***Hostalen* PP H2483** is a natural polypropylene copolymer with an exceptional mechanical properties balance.
The product has been specifically designed for extrusion of pipes for underground drainage and sewage applications but can also be used for injection moulding and other extrusion applications.
The product provides very high stiffness, excellent impact resistance at room temperature and in particular at sub-zero temperatures with high heat- and extraction stability.
For regulatory information please refer to *Hostalen* PP H2483 Product Stewardship Bulletin (PSB).
Hostalen PP H2483 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	Soil & Waste Pipe

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.900	g/cm³
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) *Note*: after 7 days	ISO 527-1, -2	1800	MPa
Tensile Stress at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	32	MPa
Tensile Strain at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	8	%
Impact			
Charpy notched impact strength	ISO 179		
(-30 °C)		4.3	kJ/m²
(0 °C)		20	kJ/m²
(23 °C)		67	kJ/m²
Thermal			
Vicat softening temperature A/50	ISO 306	159	°C
Oxidation induction time (OIT) (200°C)	ISO 11357-6 / EN 728	30	min

Additional Properties

Processing:
The recommended conditions will depend on the typ 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.