Hostalen PP XN125-P

Polypropylene, Random Copolymer

Product Description

***Hostalen* PP XN125-P** is a natural colored polypropylene random copolymer.
The product Hostalen PP XN125-P has been classified by ISO9080 and according to ISO12162 as PP125.
The regression curves of *Hostalen* PP XN125-P are above the reference lines of PP-RCT mentioned in DIN8077, DIN 8078 and EN ISO15874 standards for piping applications under pressure.
For further details about the suitable applications for this material please contact LyondellBasell.
For regulatory information please refer to *Hostalen* PP XN125-P Product Stewardship Bulletin (PSB).
Hostalen PP XN125-P 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, Random Copolymer, Good Organoleptic Properties
Typical Customer Applications	Industrial, Plumbing, Heating & Cooling

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate (MFR)	ISO 1133		
(190°C/5.0kg g/10 min)		0.4	g/10 min
(230 °C/5.0 kg g/10 min)		1.1	g/10 min
(230 °C/ 2.16 kg g/10 min)		0.2	g/10 min
Mechanical			
Tensile Strain at Yield	ISO 527-1, -2	12	%
Tensile stress at yield	ISO 527	26	MPa
Tensile modulus	ISO 527	850	MPa
MRS classification	ISO 9080	12.5	MPa
Impact			
Charpy notched impact strength (0 °C)	ISO 179	8	kJ/m²
Thermal			
Melting temperature	DSC	136	°C

Additional Properties

Processing: the recommended conditions will depend on the type of equipment used by the material transformer and on the size and wall thickness of the produced pipes.
Recommended melt temperatures: 230-240°C
Recommended injection moulding temperatures:230-280°C
Recommended cooling water temperature in extruder calibration area: 35-40°C