Hostalen PP H2483

Polypropylene Copolymer

LyondellBasell Industries

Message:

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.
The material Hostalen PP H2483 has not been tested and therefore has not been certified for pressure applications. For further details about the suitable applications for this material please contact LyondellBasell.
Hostalen PP H2483 is not intended for medical and pharmaceutical applications.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Block Copolymer
	Extraction Resistant
	High Heat Resistance
	High Impact Resistance
	Low Temperature Impact Resistance
	Ultra High Stiffness
Uses	Piping
Appearance	Natural Color
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Pipe Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	0.50	g/10 min	
230°C/2.16 kg	0.30	g/10 min	
230°C/5.0 kg	1.3	g/10 min	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus - Secant [1] (23°C)	1800	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	32.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	8.0	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**

Charpy Notched Impact Strength			ISO 179
-30°C	4.3	kJ/m²	
0°C	11	kJ/m²	
23°C	50	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	159	°C	ISO 306/A50
Oxidation Induction Time (210°C)	25	min	ISO 11357-6
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 280	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 230	°C	
NOTE			
1.	After 7 days		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China