



Jampilen H2464

Heterophasic copolymer

Description: "Jampilen H2464" is a natural polypropylene copolymer with exceptional balance of mechanical properties. The product has been specifically designed for extrusion of structured wall pipes for underground drainage and sewage applications but can also be used for other extrusion applications. The product provides high stiffness, excellent impact resistance at room temperature and in particular at sub-zero temperatures with high heat- and extraction stability.

Processing Method: Extrusion (pipe, sheet, profile)

Features:
 High melt viscosity
 Excellent impact resistance
 High stiffness
 high heat and extraction stability
 Heterophasic copolymer

Typical Applications:
 Underground drainage and sewage pipes
 Sheet and profiles

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	0.3	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical			
Tensile Modulus (1 mm/min)	1350	MPa	ISO 527-1, -2
Tensile Strength at Yield (50 mm/min)	29	MPa	ISO 527-1, -2
Tensile Elongation at Break (50 mm/min)	400	%	ISO 527-1, -2
Tensile Elongation at Yield (50 mm/min)	10	%	ISO 527-1, -2
Flexural Modulus (2 mm/min)	1450	MPa	ISO 178
Izod impact strength (Notched)			ISO 180
23°C	66	kJ/m ²	
0°C	35	kJ/m ²	
-20°C	17	kJ/m ²	
-30°C	9	kJ/m ²	
Thermal			
Oxidation induction time (OIT) (200°C)	> 30	min	EN 728
Oxidation induction time (OIT) (210°C)	> 15	min	EN 728

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