

# Jampilen H2464

Polypropylene Copolymer  
Jam Polypropylene Company

Message:

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.

General Information	
Features	Copolymer
	Extraction Resistant
	Good Thermal Stability
	High Impact Resistance
	High Viscosity
	Low Temperature Impact Resistance
Uses	Piping
	Profiles
	Sheet
Appearance	Natural Color
Processing Method	Pipe Extrusion
	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1350	MPa	ISO 527-2/1
Tensile Stress (Yield)	29.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	10	%	
Break	400	%	
Flexural Modulus <sup>1</sup>	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	9.0	kJ/m <sup>2</sup>	
-20°C	17	kJ/m <sup>2</sup>	
0°C	35	kJ/m <sup>2</sup>	

23°C	66	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Oxidation Induction Time			EN 728
200°C	> 30	min	
210°C	> 15	min	
NOTE			
1.	2.0 mm/min		

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