

PETILEN YY B 0153

High Density Polyethylene

PETKIM Petrokimya Holding A.S.

Message:

PETILEN YY B 0153 is a High Density Polyethylene product. It can be processed by pipe extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Plumbing/Piping/Potable Water.

General Information			
Uses	Piping		
Forms	Pellets		
Processing Method	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.949 to 0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.10 to 0.20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 600	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	22.0	MPa	
Break	28.0	MPa	
Tensile Elongation (Break)	750	%	ASTM D638
Flexural Modulus	700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256

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Recommended distributors for this material

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