

PETILEN S 00750

High Density Polyethylene

PETKIM Petrokimya Holding A.S.

Message:

PETILEN S 00750 is a high density polyethylene product. It can be processed by blow molding and is available in North America, Europe or the Asia-Pacific region. The application areas of PETILEN S 00750 include electrical/electronic applications, containers and water pipes/pipes/drinking water.

General Information			
Uses	Blow molding applications		
	Catheter		
	Piping system		
	Container		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.947 - 0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.066 - 0.085	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	24.0	MPa	ASTM D638
Fracture	31.0	MPa	ASTM D638
Tensile Elongation (Break)	880	%	ASTM D638
Flexural Modulus (23°C)	800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	380	J/m	ASTM D256

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