

PETILEN I 668

High Density Polyethylene

PETKIM Petrokimya Holding A.S.

Message:

Application: Injection Moulding

General Information			
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.963 to 0.967	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.4 to 6.5	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	4.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	30.0	MPa	
Break	17.0	MPa	
Tensile Elongation (Break)	1300	%	ASTM D638
Flexural Modulus	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	50	J/m	ASTM D256

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