

PETILEN I 468(UV)

High Density Polyethylene

PETKIM Petrokimya Holding A.S.

Message:

PETILEN I 468(UV) is a high density polyethylene product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. The application fields of PETILEN I 468(UV) include engineering/industrial accessories and containers.

General Information			
Uses	Pallets		
	Loading box		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.963 - 0.967	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5 - 4.4	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	ASTM D638
Fracture	17.0	MPa	ASTM D638
Tensile Elongation (Break)	1000	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	50	J/m	ASTM D256

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