

PETILEN YY S 0452

High Density Polyethylene
PETKIM Petrokimya Holding A.S.

Message:

PETILEN YY S 0452 is a High Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America. Applications of PETILEN YY S 0452 include bottles and containers.

General Information			
Uses	Bottles		
	Containers		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.947 to 0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30 to 0.50	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 250	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	23.0	MPa	
Break	32.0	MPa	
Tensile Elongation (Break)	950	%	ASTM D638
Flexural Modulus	815	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256

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Recommended distributors for this material

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