

PETILEN YY S 0464

High Density Polyethylene
PETKIM Petrokimya Holding A.S.

Message:

PETILEN YY S 0464 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 0464 include containers and consumer goods.

General Information			
Uses	Blow Molding Applications		
	Containers		
	Drums		
	Toys		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.959 to 0.963	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25 to 0.45	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	16.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	28.0	MPa	
Break	31.0	MPa	
Tensile Elongation (Break)	1100	%	ASTM D638
Flexural Modulus	1000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	590	J/m	ASTM D256

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