

# PETILEN YY F 00556 (HMW)

High Density Polyethylene  
PETKIM Petrokimya Holding A.S.

Message:

PETILEN YY F 00556 (HMW) is a High Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America. Applications of PETILEN YY F 00556 (HMW) include bags/liners and film.

General Information			
Uses	Bags		
	Film		
	Heavy-duty Bags		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.950 to 0.955	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.030 to 0.060	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 600	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	23.0	MPa	
Break	36.0	MPa	
Tensile Elongation (Break)	850	%	ASTM D638
Flexural Modulus	815	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	340	J/m	ASTM D256

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