

**PETILEN YY F 00556 (HMW)**  
(PE-HD)

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<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>0.045</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>23</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>35.8</b>	MPa	ASTM D 638
Elongation at Break	<b>850</b>	%	ASTM D 638
Izod Impact notched, 1/8 in	<b>343</b>	J/m	ASTM D 256

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>955</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Processing**

Film Extrusion

**Regional Availability**

Europe

**Chemical Resistance**

Environmental Stress Crack Resistance