

**SABIC® SUPEER™ 8118**

PE

Saudi Basic Industries Corporation (SABIC)

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>1.1</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Haze	<b>10</b>	%	ASTM D 1003

<b>Film Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield, MD	<b>12</b>	MPa	ASTM D 882
Tensile Strength at Yield, TD	<b>11</b>	MPa	ASTM D 882
Tensile Strength at Break, MD	<b>54</b>	MPa	ASTM D 882
Tensile Strength at Break, TD	<b>54</b>	MPa	ASTM D 882
Elongation at Break, MD	<b>630</b>	%	ASTM D 882
Elongation at Break, TD	<b>730</b>	%	ASTM D 882

**Characteristics****Features**

Copolymer