

**Evolue® H SP4505**

PE

Prime Polymer Co., Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>0.4</b>	g/10min	ISO 1133
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>600</b>	MPa	ISO 527
Yield stress	<b>20</b>	MPa	ISO 527
Strain at break	<b>25</b>	%	ISO 527
Flexural modulus, 23°C	<b>900</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Shore D hardness	<b>61</b>	-	ISO 7619-1
<b>ASTM Data</b>			
Shore D Hardness	<b>61</b>	-	ASTM D 2240
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>128</b>	°C	ISO 11357-1/-3
<b>ASTM Data</b>			
Melting Temperature	<b>128</b>	°C	ASTM D 3418
Vicat Temperature	<b>119</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>944</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Film Extrusion

**Regional Availability**

North America, Asia Pacific

**Special Characteristics**

High impact or impact modified