

**EP448S**

PP

Persian Gulf Polymer Pooya Tejarat Novin Co.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>40</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>27</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Flexural Modulus	<b>1300</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 95</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>65</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>30</b>	J/m	ASTM D 256
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>108</b>	°C	ASTM D 648
Vicat Temperature	<b>150</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static

**Features**

Copolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Europe, Asia Pacific, South and Central America, Near East/Africa