

**EP548T**

PP

Persian Gulf Polymer Pooya Tejarat Novin Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	50	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	28	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Flexural Modulus	1500	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	95	°C	ASTM D 648
Vicat Temperature	151	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static

**Features**

Nucleated, Copolymer

**Certifications**

Food contact

**Applications**

Packaging, Sports Equipment

**Regional Availability**

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