

**ABS90**

ABS

Persian Gulf Polymer Pooya Tejarat Novin Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>10</b>	g/10min	ASTM D 1238
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
Mold Shrinkage, MD	<b>0.0055</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	<b>39.2</b>	MPa	ASTM D 638
Flexural Modulus	<b>1619</b>	MPa	ASTM D 790
Flexural Strength	<b>54</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 95</b>	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
DTUL @ 264 psi	<b>82</b>	°C	ASTM D 648
Vicat Temperature	<b>92</b>	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	<b>1040</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

High impact or impact modified

**Applications**

Automotive, General Purpose

**Regional Availability**

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