

**ABS75 SW**

ABS

Persian Gulf Polymer Pooya Tejarat Novin Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	43.2	MPa	ASTM D 638
Flexural Modulus	1962	MPa	ASTM D 790
Flexural Strength	62.8	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	85	°C	ASTM D 648
Vicat Temperature	94	°C	ASTM D 1525

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

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	3	h	-

**Characteristics****Processing**

Sheet Extrusion

**Additives**

Blowing agent

**Special Characteristics**

High impact or impact modified

**Applications**

General Purpose, Refrigeration

**Regional Availability**

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