

ABS70

ABS

Persian Gulf Polymer Pooya Tejarat Novin Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	46.1	MPa	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Flexural Strength	65.7	MPa	ASTM D 790
Rockwell Hardness	R 113	-	ASTM D 785
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	90	°C	ASTM D 648
Other properties			
Density	1040	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	3	h	-
Processing Recommendation Extrusion			
Pre-drying - Temperature	80 - 85	°C	-
Pre-drying - Time	3	h	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Applications

Automotive

Special Characteristics

High impact or impact modified

Regional Availability

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