

**PETROPLAST  
JALILVAND.CO**



**петрупдосте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Acrylonitrile Butadiene Styrene*

<i>Grade</i>	ABS30
<i>Properties</i>	Semi heat resistance grade.
<i>Application</i>	Mirror housings, Hair dryer shells, Electric oven exterior parts, Automobile parts, etc.

Typical Properties	Test Method	Test Condition	Unit	Value	Spec.
Izod Impact	ASTM D 256	6.4mm, Notch	kJ/m <sup>2</sup>	20	Min 16
MFI	ASTM D 1238	220°C, 5kg	gr/10min	1.2	0.9-1.5
MFI	ASTM D 1238	220°C, 10kg	gr/10min	10	6-14
Rockwell Hardness	ASTM D 785	-	R Scale	108	100-120
HDT	ASTM D 648	1.82MPa	°C	93	Min 91
Vicat Softening Temp.	ASTM D 1525	5kg/50°C	°C	103	Min 100
Tensile Strength	ASTM D 638	23°C, 50mm/min	kg/cm <sup>2</sup>	460	Min 440
Tensile Elongation	ASTM D 638	23°C, 50mm/min	%	25	Min 16
Flexural Strength	ASTM D 790	23°C, 2.8mm/min	kg/cm <sup>2</sup>	650	Min 630
Flexural Modulus	ASTM D 790	23°C, 2.8mm/min	kg/cm <sup>2</sup>	21000	Min 18000
Specific Gravity	ASTM D 792	23°C	-	1.04	1.04
Molding Shrinkage	ASTM D 955	-	%	0.4-0.7	0.4-0.7
Flamability	UI94	1/8inch (3.2mm)	-	HB	HB

**Central Office:** Unit 5, No.10, Sepehr 4 Alley, Sepehr St., Marzdaran Blvd., Zhandarmeri Town, Tehran, Iran.

**Telfax:** +98 21 4428 4731-2

**Mashhad Office:** Shahed 50<sup>th</sup>, Shahed Blvd., Gharb Town, Mashhad, Iran.

**Tel.:** +985136202400-1

**Uzbekistan Tel.:** +998 97 404 0929

**Website:** www.petroplastjalilvand.com

**E-mail:** info@petroplastjalilvand.com