

**PETROPLAST
JALILVAND.CO**



**петропласт жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Acrylonitrile Butadiene Styrene

<i>Grade</i>	ABS40
<i>Properties</i>	High impact resistance.
<i>Application</i>	Helmets, Toys, Suitcase, shoe heels, skis, Golf club heads, Sports equipment, suitcases, etc.

Typical Properties	Test Method	Test Condition	Unit	Value	Spec.
Izod Impact	ASTM D 256	6.4mm, Notch	kJ/m ²	32	Min 26
MFI	ASTM D 1238	220°C, 10kg	gr/10min	25	18-28
Rockwell Hardness	ASTM D 785	-	R Scale	98	90-110
HDT	ASTM D 648	1.82MPa	°C	82	Min 82
Vicat Softening Temp.	ASTM D 1525	5kg/50 °C	°C	92	Min 93
Tensile Strength	ASTM D 638	23°C, 50mm/min	kg/cm ²	400	Min 390
Tensile Elongation	ASTM D 638	23°C, 50mm/min	%	30	Min 25
Flexural Strength	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	580	Min 530
Flexural Modulus	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	18000	Min 15000
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 50th, Shahed Blvd., Gharb Town, Mashhad, Iran.

Tel.: +985136202400-1

Uzbekistan Tel.: +998 97 404 0929

Website: www.petroplastjalilvand.com

E-mail: info@petroplastjalilvand.com