

**PETROPLAST
JALILVAND.CO**



**петрупдоте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Acrylonitrile Butadiene Styrene

Grade	ABS10
Application	Electronic and electrical parts, Automobile parts, Refrigerator knobs, Cosmetic case.

Typical Properties	Test Method	Test Condition	Unit	Value	Spec.
Izod Impact	ASTM D 256	6.4mm, Notch	kJ/m ²	30	Min 24
MFI	ASTM D 1238	220°C, 10kg	gr/10min	32	26-34
Rockwell Hardness	ASTM D 785	-	R Scale	105	95-115
HDT	ASTM D 648	1.82MPa	°C	84	Min 82
Vicat Softening Temp.	ASTM D 1525	5kg/50°C	°C	94	Min 93
Tensile Strength	ASTM D 638	23°C, 50mm/min	kg/cm ²	420	Min 380
Tensile Elongation	ASTM D 638	23°C, 50mm/min	%	25	Min 16
Flexural Strength	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	600	Min 560
Flexural Modulus	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	19500	Min 17000
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