

**PETROPLAST
JALILVAND.CO**



**петропдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Acrylonitrile Butadiene Styrene

<i>Grade</i>	ABS50
<i>Properties</i>	Medium impact, High rigidity.
<i>Application</i>	Electronic and electrical parts, Vacuum cleaner, Washing machine cover, Refrigerator door cap, etc.

Typical Properties	Test Method	Test Condition	Unit	Value	Spec.
Izod Impact	ASTM D 256	6.4mm, Notch	kJ/m ²	23	Min 19
MFI	ASTM D 1238	220°C, 10kg	gr/10min	35	29-39
Rockwell Hardness	ASTM D 785	-	R Scale	109	95-115
HDT	ASTM D 648	1.82MPa	°C	85	Min 82
Vicat Softening Temp.	ASTM D 1525	5kg/50 °C	°C	95	Min 93
Tensile Strength	ASTM D 638	23°C, 50mm/min	kg/cm ²	455	Min 420
Tensile Elongation	ASTM D 638	23°C, 50mm/min	%	20	Min 16
Flexural Strength	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	650	Min 620
Flexural Modulus	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	22000	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

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