

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Acrylonitrile Butadiene Styrene

<i>Grade</i>	ER72M
<i>Properties</i>	High rigidity, High impact strength, Low Heat Impact Strength.
<i>Application</i>	Refrigerator interior container and door liner (Cyclopentane blowing agent use), etc.

Typical Properties	Test Method	Test Condition	Unit	Value	Spec.
Izod Impact	ASTM D 256	6.4mm, Notch	kJ/m ²	36	Min 33
MFI	ASTM D 1238	220°C, 10kg	gr/10min	6	3-8
Rockwell Hardness	ASTM D 785	-	R Scale	105	100-120
HDT	ASTM D 648	1.82MPa	°C	85	Min 84
Vicat Softening Temp.	ASTM D 1525	5kg/50 °C	°C	95	Min 92
Tensile Strength	ASTM D 638	23°C, 50mm/min	kg/cm ²	430	Min 420
Tensile Elongation	ASTM D 638	23°C, 50mm/min	%	30	Min 18
Flexural Strength	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	620	Min 620
Flexural Modulus	ASTM D 790	23°C, 2.8mm/min	kg/cm ²	19000	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

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