

**PETROPLAST  
JALILVAND.CO**



**петропдосте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Acrylonitrile Butadiene Styrene*

<i>Grade</i>	ABS28
<i>Properties</i>	Super high gloss, 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 <sup>2</sup>	17	Min 16
MFI	ASTM D 1238	220°C, 10kg	gr/10min	35	25-35
Rockwell Hardness	ASTM D 785	-	R Scale	107	105-120
HDT	ASTM D 648	1.82MPa	°C	85	Min 85
Vicat Softening Temp.	ASTM D 1525	5kg/50 °C	°C	95	Min 95
Tensile Strength	ASTM D 638	23°C, 50mm/min	kg/cm <sup>2</sup>	500	Min 440
Tensile Elongation	ASTM D 638	23°C, 50mm/min	%	15	Min 14
Flexural Strength	ASTM D 790	23°C, 2.8mm/min	kg/cm <sup>2</sup>	680	Min 630
Flexural Modulus	ASTM D 790	23°C, 2.8mm/min	kg/cm <sup>2</sup>	22500	Min 18500
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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