

**PETROPLAST  
JALILVAND.CO**



**петрупдоте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Styrene Acrylonitrile (SAN)*

<i>Grade</i>	SAN-3
<i>Characteristic</i>	High strength.
<i>Application</i>	ABS compounding, electrical & electronic parts, flow meter case.

<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Typical Value</b>	<b>Spec.</b>
Izod Impact	ASTM D256	Kj/m <sup>2</sup>	1.5	Min 2
MFI (220°C, 10kg)	ASTM D1238	gr/10min	30	28-32
Rockwell Hardness	ASTM D785	M Scale	83	Min 81
HDT	ASTM D648	°C	92	Min 88
Vicat Softening Temp.	ASTM D1525	°C	105	Min 98
Tensile Strength	ASTM D638	kg/cm <sup>2</sup>	680	Min 620
Flexural Strength	ASTM D790	kg/cm <sup>2</sup>	750	Min 670
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	31500	Min 31000
Water Absorption	ASTM D570	%	0.3	0.3
Specific Gravity	ASTM D792	-	1.04	1.04
Molding Shrinkage	ASTM D955	%	0.2-0.6	0.2-0.6
Flammability	UI94	-	HB	HB

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