

**PETROPLAST  
JALILVAND.CO**



**петрупдосте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Styrene Acrylonitrile (SAN)*

<i>Grade</i>	SAN-5
<i>Characteristic</i>	Super high strength, high chemical resistance.
<i>Application</i>	ABS compounding, disposable lighter, pounding, electrical & electronic parts.

<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>	2	Min 2.5
MFI (220°C, 10kg)	ASTM D1238	gr/10min	5.5	3-7
Rockwell Hardness	ASTM D785	M Scale	92	Min 90
HDT	ASTM D648	°C	94	Min 90
Vicat Softening Temp.	ASTM D1525	°C	110	Min 99
Tensile Strength	ASTM D638	kg/cm <sup>2</sup>	900	Min 800
Flexural Strength	ASTM D790	kg/cm <sup>2</sup>	1150	Min 1250
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	33500	Min 33000
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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