

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Styrene Acrylonitrile (SAN)

<i>Grade</i>	SAN-4
<i>Characteristic</i>	Super high strength.
<i>Application</i>	ABS compounding, disposable lighter, pounding, electrical & electronic parts.

Typical Properties	Test Method	Unit	Typical Value	Spec.
Izod Impact	ASTM D256	Kj/m ²	1.5	Min 1.5
MFI (220°C, 10kg)	ASTM D1238	gr/10min	6	4-7
Rockwell Hardness	ASTM D785	M Scale	89	Min 88
HDT	ASTM D648	°C	92	Min 90
Vicat Softening Temp.	ASTM D1525	°C	108	Min 99
Tensile Strength	ASTM D638	kg/cm ²	850	Min 800
Flexural Strength	ASTM D790	kg/cm ²	1150	Min 1200
Flexural Modulus	ASTM D790	kg/cm ²	33000	Min 32500
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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