

**KPI 88-145 (127CCZ)**

Application and description: This product is used as sheathing for fixed cables at a voltage of 450/750 V and is designed based on high quality additives such as strong stabilizers and plasticizers. According to the standard, ST4 IEC 60227, this product needs to show mechanical properties of 12.5 MPa and a elongation at break of at least 125%. Among the unique features of the insulating compounds produced by Khorram Plastic, we can mention the glossiness of the final product surface.

Packaging: 25 kg laminated polypropylene bags

Storage: dry place, away from the sun, temperature below 30°C

The results reported in the table below are based on the prepared sheet (T according to IEC 60811 standard).

Properties	Unit	Amount	Standard
Density	gr/cm ³	1.45 ± 0.01	ASTM D 792
Hardness at 15 second	Shore "A"	88 ± 2	ASTM D 2240
Thermal stability at 200°C	Minute	Min 60	VDE 0472
Mechanical properties Tensile Elongation	MPa %	16 ± 1 Min 150	IEC 60811-1-1
Amount of changes in mechanical properties after aging		±20%	

Temperature profile:

The recommended temperature settings for the extruder with L/D around 22-24 are as follows :

	Zone 1	Zone 2	Zone 3	Zone 4	Head	Die
Temp (°C)	140-160	150-170	160-180	170-190	160-180	180-195

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