

**KPI 87-142 (127CCZP)**

Application and description: This product is used as a fixed cable sheathing which is suitable for 90°C application as well. Among the unique features of the sheathing compounds produced by Khorram Plastic, we can mention the glossiness of the final product surface and high strength. This grade is designed based on IEC60502-2 and categorized in ST2 type .

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	1.42 ± 0.01	ASTM D 792
Hardness at 15 second	Shore "A"	87 ± 2	ASTM D 2240
Thermal stability at 200°C	Minute	120 min	VDE 0472
Mechanical properties Tensile Elongation	MPa %	min 16 Min 170	IEC 60811-1-1
Amount of changes in mechanical properties after aging		$\pm 20\%$	

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

Head Office: 5th floor, Number 51, 6th Golestan street, Pasdaran Avenue, Tehran, Iran. Tel : (+98 21)79453000, Fax: (+98 21)88762819

info@khorramco.com website: www.khorramco.com

Approved by : QC & Laboratory Manager