

DATA SHEET



PCA TECHNOLOGIES
PLUG IN TO THE FUTURE

PCA-DS-014

PBMT - BLACK MASTIC



Typical Application: LV & MV Cables

Black insulating mastic is used in LV and MV terminations and joints to protect the heat shrink material by covering the sharp edges of metallic parts. It is also used for filling voids and irregular shapes and acts as an environmental seal to protect ingress of water and other environmental contaminants. It has excellent adhesion with metals, rubber, Plastics etc.

Material: Butyl based

Test Parameters	Test Method	Test Requirement
Tensile strength	ASTM D 638	0.1 Mpa
Ultimate elongation	ASTM D 638	>1000 %
Dielectric strength	IEC 250	>15 kV/mm
Density	ASTM D 792	1.2 g/cm ³
Dielectric constant	IEC 250	2 - 3
Volume resistivity	ASTM D 527	10 ¹³ Ω.cm
50 Hz loss factor	-	0.035
Service temperature (max)	-	-20 to +90 °C
Adhesive and self-amalgamation	-	Good

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DIMENSIONS:

Width (mm)	Length (mm)
35	100
35	150
35	200
35	300
35	400
35	600