Technical DATA

Scapa 1517

Weatherproof Plastic Compound

DESCRIPTION

Non-hardening plastic waterproofing sealant.

APPLICATIONS

- Seal any form of enclosure.
- Seal cable ends or cable entries to closures.
- Non-electrical applications, non-hardening moisture or water seal.
- Prevents corrosion of electrical contacts and seals irregular openings, cable entries, screw threads and covers of electrical equipment.
- Prevents electrical leakage or short circuits due to dampness.
- Protects connections from moisture and corrosive vapours.

PRODUCT BENEFITS

- No deleterious effect on metals and plastics or on natural rubber, synthetic rubber, PVC or other cables.
- Highly resistant to water permeation, acids and alkalis in liquid or vapour from under normal conditions.
- Does not liberate toxic fumes even if overheated and is harmless to the hands.
- Readily removed and replaced for maintenance purposes.
- Does not harden upon exposure to air or sunlight and does not shrink, crack or peel.
- Good adhesion to moulded plastic and other surfaces to resist the dislodging effects of vibration and to prevent moisture creepage along the interface.
- Soft enough to be readily moulded round terminals or intricate contours or pressed into fine cavities.
- Good electrical properties.

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TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Dielectric Constant (K)	6.5	-	-
Dielectric Strength	13.5	kV/mm	-
Power Factor (tan)	0.1	-	-
Specific Gravity at 15.5ºC	1.7	-	-
Temperature Range	-20 to 80	°C	-
Volume Resistivity at 20ºC	8 x 1011	Ohm.m	-
Working Voltage (maximum)	1	kV	-
Flashpoint	+210	°C	-

STANDARD PRESENTATIONS

RECOMMENDATIONS

Shelf life of 3 years under normal conditions of wrapping and storage. The compound must be stored in the original packing until required for use and must be protected from dust, heat moisture, direct sunlight and solvent fumes. Users are recommended to test the tape for its suitability in their particular application.

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