CECAFLEX®

SEMI-SYNTHETIC FILLING COMPOUNDS
FOR CONVENTIONAL TELEPHONE CABLES

Specialities

Description

The CECAFLEX® range from RLESA Especialidades belongs to the group known as Flex Gel or ETPR ("Extended Thermal Plastic Rubber"). They are semi-synthetic compounds made from petroleum-derived waxes, synthetic waxes, mineral oils, hydrogenated thermoplastic polymers and other additives (antioxidants, etc.) whose main function is to block the flow of water along the cable core.

This product is not oily; it is easily applicable to all types of cables and can be easily processed in any machine. This range of compounds has been designed for cable manufacturers that require white, non-sticky products that are easy to clean and have a compact appearance. These clean products are the best way to reduce time spent on cable installation during construction. They comply with the REA standard and are designed especially for the American market.

Furthermore, it has excellent low temperature flexibility and reduced thermal shrinkage.

Technical Characteristics*

	METHOD	CECAFLEX® V
Nature	-	MIXED
Colour	Visual	White
Melting point (ºC)	ASTM D -127	90 min.
Brookfield Viscosity at 120 ºC (SPDL21; 100 rpm) (cP)	IT-LAB-138	20-30
Penetration at 25 ºC (mm/10)	ASTM D -937	140
Oil flow/separation (65 ºC, 24 h)	IEC-811-5-1	Pass
Dielectric constant at 23 ºC	IT.LAB.104 (ASTM D-150)	2,3 max
Volume resistivity at 23 ºC (Ohm.cm)	IT.LAB.105 (ASTM D-257)	1E+13 min.
Electrical dissipation factor, Tg Delta, 100 ºC (1 MHz-100 KHz)	IT.LAB.104 (ASTM D-150)	0,005 max.

* The values indicated in the tables are typical values, not product specifications.

Packaging

CECAFLEX II comes in 230-litre drums with leaf-spring closure.
It should be stored in the dark and hermetically sealed, at a temperature around 25ºC and away from moisture.

Unless otherwise indicated, the figures cited in the technical characteristics should be considered typical

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