

TELECOMMUNICATION CABLE JELLY (ASPPC 504)

DESCRIPTION

ASPPC 504 is a cable-filling compound specially designed to prevent the ingress of moisture along the interstices of multi-pair polymer insulated communication cables in the event of sheath or joint failure.

ASPPC 504 meets the requirements of British Telecom and Deutsche Telecom specifications.

ASPPC 504 is a firm-filling compound based on mineral hydrocarbons.

FEATURES

- Suitable for use in temperate climates.
- Excellent resistance to mechanical shearing.
- Enables cables to pass bending test requirements at sub-zero temperatures.
- Passes cable drainage tests at up to 65°C.
- Good compatibility with polymeric cable materials.
- Suitable for liquid application, typically at 95-105°C. Semi-liquid application, typically at 85-90°C and drum pumping (under certain conditions) are also possible.
- It does not obscure the color of insulated conductors

PROPERTIES

PHYSICAL PROPERTIES		
Dropping point, °C	Sample preparation, IP 371 Test method, ASTM D566	90 min
*Cone penetration at 25°C , 0.1mm	ASTM D937	60 -80
Kinematic viscosity at 100°C , cSt	ASTM D445	30-40
Flash point COC, °C	ASTM D 92	230 min
Color ASTM	ASTM D6045	2.5 typical
CHEMICAL PROPERTIES		
Total acid number mg KOH/gm	IEC 811-5-1	0.05 max
Absences of corrosive components	IEC 811-5-1	Pass
ELECTRICAL PROPERTIES		
Volume resistivity at 100°C, 10 ¹² Ω.cm	ASTM D1169	5 min
Relative permittivity	ASTM D150	2.3 max

* Additional 150 g weight was applied

STORAGE

Keep products closed in original packing in a dry area, under ambient conditions.

STABILITY

ASPPC 504 is a cable-filling compound stable in original packing under dry conditions for 2 years max.

PACKAGING

Steel barrel about 170 kg.