

## TELECOMMUNICATION CABLE JELLY (ASPPC 508)

### DESCRIPTION

**ASPPC 508** is a cable-filling compound especially 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 508** meets the requirements of British Telecom and Deutsche Telecom specifications.

**ASPPC 508** 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<br>Test method, ASTM D566 | 90 min      |
| Cone penetration at 25°C, 0.1mm          | ASTM D937  | 65 -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,<br>1012Ω.cm | ASTM D1169   | 5 min       |
| Relative permittivity                    | ASTM D150  | 2.3 max     |

#### STORAGE

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

#### STABILITY

**ASPPC 508** is a cable-filling compound stable in original packing under dry conditions for 2 years max.

#### PACKAGING

Steel barrel about 170 kg.