

Final Products Datasheet (LMF-09-04)	  Alexandria Specialty Petroleum Products Company (ASPPC)	Version Number	1
		Release Date	01/12/2022
		Revision Number	0
		Revision Date	01/12/2022
		The chemical Laboratories and Research General Department	

TELECOMMUNICATION CABLE JELLY
(ASPPC 503)

DESCRIPTION

ASPPC 503 is a cable-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.
- It does not obscure the color of insulated conductors.

RECOMMENDED USE

- It is Suitable for Injection process during the filling of multi-pair polymer insulated communication cables. It is 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.

PROPERTIES

Physical Properties	Test Method	Technical Data
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 D92	230 Min
Color ASTM	ASTM D6045	5.0Max
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

INSTALLATIONS FOR APPLICATION

- It is 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.

HEALTH & SAFETY

- ASPPC 503 is not flammable.
- Workers should wear protective gloves during application.
- In case of eye contact, open eyelids wide and flush immediately with plenty of water, Get medical advice.
- If inhaled, supply fresh air and consult doctor in case of complaints
- If contact skin immediately washes with water and soap and rinse thoroughly.

PRECAUTIONS

- Avoid Extremes of temperature and direct sunlight.
- Molten product can cause thermal burns, obtain medical attention immediately.

<p>Final Products Datasheet (LMF-09-04)</p>	  <p>Alexandria Specialty Petroleum Products Company (ASPPC)</p>	Version Number	1
		Release Date	01/12/2022
		Revision Number	0
		Revision Date	01/12/2022
		The chemical Laboratories and Research General Department	

STORAGE

- Keep products closed in original packing in a dry area, under ambient conditions. The product is stable in original packing under dry conditions for 3 years.

PACKAGING

- Steel barrel about 170 kg.

DISCLAIMER

This Product Data Sheet summarizes our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. ASPPC co. does not accept any liability either directly or indirectly for any losses suffered in connection with the use or storage or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.