

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

Modified Soft Asphalt (ASPPC 213)

DESCRIPTION

ASPPC 213 is modified soft asphalt used as a raw material for various industrial applications especially for roofing membrane industry and insulating products.

FEATURES

- High solubility parameter for polymers.
- High adhesion and cohesion properties.
- High flash point.
- Non permeable.

RECOMMENDED USES

- Insulating Products.
- Roofing membrane.
- Liquid bitumen products.

INSTRUCTIONS FOR APPLICATION

- Normal heating temperature is 90-110°C (indirect heating).
- In case of overheating ASPPC 213 will undergoes oxidation, i.e., converting to a harder grade and losing its light fractions.

TECHNICAL DATA

Test	Test Methods	Tech. Data
Density @15.6°C, g/ml	ASTM D70	0.995-1.050
Brookfield viscosity @100 °C, cP	ASTM D4402	350 - 600
Penetration @25°C, dmm	ASTM D5	80 - 150
Softening Point, °C	ASTM D36	44 min
Ductility, cm	ASTM D113	20 min
Flash Point COC, °C	ASTM D92	250 min
Ash content, %wt	ASTM D482	0.2 min
Asphaltene Content, %wt	ASTM D6560	7.0 min
Total Sulphur, %wt	ASTM D2622	3.0 max

STORAGE

- Store **ASPPC 213** in a dry and shaded area in original packing.
- Store **ASPPC 213** in clean tanks or drums.
- Store **ASPPC 213** for two years in its original packaging.

PRECAUTIONS

- Working temperature of **ASPPC 213** is 90-110°C.
- Workers should wear protective masks, gloves and goggles during application.
- Special precautions are needed since **ASPPC 213** is harmful when heating.

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HEALTH & SAFETY

- **ASPPC 213** vapor is toxic above 150°C.
- **ASPPC 213** must not be swallowing. If swallowed, CALL PHYSICIAN IMMEDIATELY.
- In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. Get medical advice.
- In case of skin contact, flush immediately with plenty of water for at least 15 minutes, then using moisturizing cream or Vaseline, Get medical advice.

PACKING

- **ASPPC 213** is supplied in bulk and/or 200-liter drums.

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.