



ATTOCK REFINERY LTD

TECHNICAL DATA SHEET

CUTBACK ASPHALT MC-70

Product Description:

Cutback asphalt is asphalt cement that has a solvent or distillate such as gasoline, diesel fuel, kerosene, or naphtha added to make the asphalt liquid at ambient temperatures and improve its ability to coat aggregates. Two letters followed by a numerical digit designate or name cutback asphalt. Kerosene is used as a bitumen cutback agent at different concentrations according to local conditions and requirements.

Cutback Bitumen MC-70 is medium curing cutback asphalt consisting of penetration grade asphalt and diluents or cutter of medium volatility. The diluents temporarily reduce the viscosity of the asphalt cement for ease of handling and application. After application, the diluent evaporates, leaving asphalt cement to perform its function. Attock Refinery Ltd Cutback Bitumen MC-70 Asphalts complies with cutback petroleum asphalts of the Medium-curing type for use in the construction and treatment of pavements as per ASTM D2028.

Application and Benefits:

Cutback Bitumen MC-70 is used to lower the viscosity of bitumen when it is applied as a primer to the surface of a road pavement aggregate base course or substrate. The cutback bitumen is ideal for prime coat and cold applied because of easy uses and no need to thinning and heating.

The cutback asphalt MC-70 applying to waterproofing of surfaces, plug capillary voids, coat and bond loose mineral particles. Current common uses are in penetrating prime coats and in producing patching or stockpile mixtures. Cutback asphalt used in mixing with aggregate will usually contain an adhesion agent to assist in the coating of the aggregate surface.

Health, Safety and Environment:

Health, safety and environmental information are provided for this product in the Safety Data Sheet. This gives details of the potential hazards, precautions and First Aid measures. Attock Refinery Ltd will not accept liability if the product is used other than in the manner or with the precautions or for the purposes specified

- **Typical information from MSDS**

Contains petroleum distillate; flammable: keep away from open fire, sparks or other ignition sources; wear protective clothing, gloves and goggles.

Skin - avoid repeated or prolonged contact, if occurs remove with hand cleaner that removes oil or grease, then clean with soap and water

Eyes contact could cause irritation, if contact occurs flush immediately with clean water

Inhalation can cause dizziness, move immediately in fresh air if dizzy and if breathing difficulty persists administer oxygen.

Storage:

All packages should be stored under cover in steel drums. Keep containers closed and clearly labeled. This cutback bitumen bulk in the tanker and in new steel and thick drum on the pallet to prevent all leaks inside of the container



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Specifications & Typical Value:

MC-70

TEST DESCRIPTION	UNIT	TEST METHOD	SPECIFICATIONS	MAX / MIN	ARL TYPICAL
Kinematic Viscosity at 60°C	cSt	D2170	70 -140	-	100-130
Water Content	vol%	D95	0.2	Max.	Traces
Distillate, vol% of total distillate to 360°C	D402	vol %			
To 225°C			20	Max.	18
To 260°C			20 - 60		57
To 315°C			65 -90		87
Residue from distillation to 360°			55	Min.	70
Tests on Residue from Distillation					
Solubility in Trichloroethylene	wt%	D2042	99	Min.	99.9
Ductility 25°C	cm	D113	75	Min.	100+

For more Information Please Contact **Attock Refinery Ltd.** Phone: 92-51-5487041 / Ext. 2596 / 2469