



ATTOCK REFINERY LTD

TECHNICAL DATA SHEET

CUTBACK ASPHALT RC-70 and RC-250

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.

When gasoline or naphtha is used to flux asphalt cement, the final product is called “rapid curing” (RC) cutback asphalt. Specifications permit up to 45 percent distillate in manufacturing RC cutback asphalt. Attock Refinery Limited is producing two grades of rapid-curing cutback asphalt i.e. RC – 70 and RC – 250. Attock Refinery Ltd Cutback Bitumen RC Asphalts complies with cutback petroleum asphalts of the rapid-curing type for use in the construction and treatment of pavements as per ASTM D2028.

Application and Benefits:

Cutback asphalt used in mixing with aggregate will usually contain an adhesion agent to assist in the coating of the aggregate surface. Rapid-Curing Cutback Asphalt is used primarily for surface treatments and tack coat. Common uses are in penetrating prime coats and in producing patching or stockpile mixtures. It is also use in the construction & maintenance of pavement.

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:

RC-70

TEST DESCRIPTION	UNIT	TEST METHOD	SPECIFICATIONS	MAX / MIN	ARL TYPICAL
Kinematic Viscosity at 60°C	cSt	D2170	70 -140	-	90 -110
Water Content	vol%	D95	0.2	Max.	Traces
Distillate, vol% of total distillate to 360°C	D402	vol %	Report	-	
To 190°C			50	Min.	66
To 225°C			70	Min.	76
To 260°C			85	Min.	86
To 315°C			55	Min.	70
Residue from distillation to 360°					
Tests on Residue from Distillation					
Solubility in Trichloroethylene	wt%	D2042	99	Min.	99.9
Ductility 25°C	cm	D113	75	Min.	100

RC-250

TEST DESCRIPTION	UNIT	TEST METHOD	SPECIFICATIONS	MAX / MIN	ARL TYPICAL
Kinematic Viscosity at 60°C	cSt	D2170	250 - 500	-	280 - 350
Water Content	vol%	D95	0.2	Max.	Traces
Distillate, vol% of total distillate to 360°C	D402	vol %	35	Min.	82
To 225°C			60	Min.	92
To 260°C			80	Min.	95
To 315°C			65	Min.	80
Residue from distillation to 360°					
Tests on Residue from Distillation					
Solubility in Trichloroethylene	wt%	D2042	99	Min.	99.9
Ductility 25°C	cm	D113	Report	-	100

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