



# Bitumen AC20

(Viscosity Grade Bitumen)

## PRODUCT DATA SHEET

Bitumen AC20 refers to Asphalt Cement with a viscosity grade of 20, The "20" refers to its viscosity, measured in Poise at 60°C. This high-viscosity bitumen is designed for heavy-duty road construction and paving applications where extreme strength and resistance to deformation are required.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Viscosity, 140°F (60°C)	P	2000±400	ASTM D2171
Viscosity, 275°F (135°C)	cSt	Min. 210	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 40	ASTM D5
Flash Point Cleveland open cup	°C	Min. 232	ASTM D92
Solubility in Trichloroethylene	% Wt	Min. 99.0	ASTM D2042
<b>Tests on residue from thin-film oven test:</b>			
Viscosity, 140°F (60°C)	Pa.s	Max. 10,000	ASTM D2170
Ductility, 77°F (25°C), 5 cm/min	CM	Min. 20	ASTM D113

### Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping

### Application:

Bitumen AC20 is in heavy-duty road construction and paving projects that require high strength and durability to withstand heavy traffic loads and hot climates.

### Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained

### Packaging:

New steel drums, reconditioned steel drums, Weatherproof packaging in poly bags, Bulk Steel Drums : 180Kg, 200Kg Poly Bags : 300Kg, 1000Kg Bulk : Tank Containers

### Code Approvals/Compliance:

Meets: ASTM D3381-09

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