



Bitumen AC5

(Viscosity Grade Bitumen)

PRODUCT DATA SHEET

Bitumen AC5 refers to Asphalt Cement with a viscosity grade of 5, The "5" refers to its viscosity measured in Poise at 60°C. Bitumen AC5 is typically used in road construction and paving applications where slightly higher viscosity is required, but flexibility is still important.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Viscosity, 140°F (60°C)	P	500±100	ASTM D2171
Viscosity, 275°F (135°C)	cSt	Min. 110	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 120	ASTM D5
Flash Point Cleveland open cup	°C	Min. 177	ASTM D92
Solubility in Trichloroethylene	% Wt	Min. 99.0	ASTM D2042
Tests on residue from thin-film oven test:			
Viscosity, 140°F (60°C)	Pa.s	Max. 2500	ASTM D2170
Ductility, 77°F (25°C), 5 cm/min	CM	Min. 100	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 AC5 is in road construction and paving, particularly for hot mix asphalt (HMA) in areas with moderate climates and medium traffic loads.

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 or in Bulk
Steel Drums : 180Kg, 200Kg
Bulk : Tank Containers

Code Approvals/Compliance:

Meets: ASTM D3381-09

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