



Bitumen C170

(Viscosity Grade Bitumen)

PRODUCT DATA SHEET

Bitumen Class 170 or C170, is a viscosity-graded bitumen and is considered a general-purpose grade, used for a wide variety of road construction and paving projects.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Viscosity at 60°C	Pa.s	140-200	ASTM D2171
Viscosity at 135°C	Pa.s	0.25-0.45	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 62	ASTM D5
Flash Point Cleveland open cup	°C	Min. 250	ASTM D92
Matter insoluble in toluene	%Wt	Max. 1.0	ASTM D4072
Tests on residue from thin-film oven test:			
Viscosity of residue at 60°C as % of original	%	Max. 300	ASTM D2171

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 Class 170 is primarily used in general road construction, asphalt production, and surface dressing for roads that experience moderate traffic. It is also widely applied in seal coats, residential roads, and road maintenance. Its versatility and balance between flexibility and stability make it suitable for a variety of construction and paving needs in moderate climates.

Asphalt Recommendations:

Mixing Temperature: 140-165°C
Spraying Temperature: 170-180°C

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application where good standards of industrial practice are maintained.

Packaging:

New steel drums, reconditioned steel drums, poly bags. Bulk;
Steel Drums: 180Kg, 200Kg
Poly Bags: 300Kg, 1000Kg
Bulk: Tank Container

Code Approvals/Compliance:

Meets AS2008-2013

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For further information, please contact:

Nuroil Trading FZE

Email : info@nuroil.com

Phone : +971 55 8405476

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