



Bitumen AR8000

(Viscosity Grade Bitumen)

PRODUCT DATA SHEET

Bitumen AR8000 is a specific grade of asphalt, primarily used in road construction. It's characterized by its viscosity, which is a measure of its resistance to flow. The "AR" in AR8000 stands for "Asphalt Residue," indicating that it's a refined petroleum product.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Viscosity, 140°F (60°C)	P	8000±2000	ASTM D2171
Viscosity, 275°F (135°C)	cSt	Min. 400	ASTM D2170
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 20	ASTM D5
Ductility @25°C, 5 cm/min	CM	Min. 75	ASTM D113
% of original penetration, 77°F (25°C)	-	Min. 50	ASTM D5
Tests on original asphalt			
Flash point, Cleveland open cup	°C	Min. 232	ASTM D92
Solubility in trichloroethylene	%Wt	Min. 99.0	ASTM D2042

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 AR8000's high viscosity makes it suitable for Dense-graded aggregate base course (DGAB) and Open-graded friction course (OGFC) as it helps to create a durable and long-lasting road surface.

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
Steel Drums : 180Kg, 200Kg
Poly Bags : 300Kg, 1000Kg

Code Approvals/Compliance:

Meets: ASTM D3381-09

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