



PMB 70

(Polymer Modified Bitumen)

PRODUCT DATA SHEET

Polymer Modified Bitumen (PMB) 70 is a type of asphalt binder modified with polymers to enhance its performance characteristics, especially in terms of elasticity, durability, and resistance to deformation.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	50-90	ASTM D5
Softening Point, Ring & Ball	°C	Min. 55	ASTM D36
Fraass Breaking Point	°C	Max. -16	EN 12593
Flash Point Cleveland open cup	°C	Min. 220	ASTM D92
Elastic Recovery at 15°C	%	Min. 40	ASTM D6084
Separation, Difference in Softening Point	°C	Max. 3	-
After Rolling Thin-Film Oven Test (RTFO)			
Loss on Heating	%Wt	Max. 1.0	ASTM D6
Increase in Softening Point	°C	Max. 6	ASTM D36
Drop in Penetration	%	Max. 35	ASTM D5
Elastic Recovery at 25°C	%	Min. 35	ASTM D6084

Quality:

Certification is conducted through our in-house testing laboratory, and witness testing protocols are available before cargo release. We ensure the quality of bitumen for every delivery by arranging for an international inspector to assess quality.

Application:

PMB 70 is a polymer-modified bitumen designed to offer high-temperature resistance, flexibility, and durability. It is ideal for use in highways, bridges, urban roads, airport runways, and industrial zones, particularly in hot climates or areas with heavy and continuous traffic loads. Its polymer modification improves its performance, making it resistant to deformation, rutting, and cracking.

Proper storage and handling are crucial for maintaining its quality and ensuring optimal performance.

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 eco-friendly Weatherproof packaging in poly bags and also in Bulk.

Steel Drums: 150Kg, 180Kg, 200Kg

Poly Bags: 300Kg, 1000Kg

Bulk: Bitumen Tank Container

Code Approvals/Compliance:

Meets IS 15462:2004

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www.nuroil.com

For further information, please contact:

Nuroil Trading FZE

Email : info@nuroil.com

Phone : +971 55 8405476

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