

TECHNICAL DATA SHEET

POLYMER MODIFIED BITUMEN 25/55-65



IQTB-800-QL-TDS-0016

DESCRIPTION

Polymer Modified Bitumen 25/55-65 is a high-performance binder compliant with IS 15462:2019, designed for roads with heavy traffic and harsh climates. With a penetration range of 25-55 dmm and a minimum softening point of 65°C, it offers excellent elasticity, rut resistance, and low-temperature performance. It is ideal for highways, urban intersections, airport runways, and industrial zones.



SPECIFICATIONS

Test	Specification	Unit	Test Method
Penetration @ 25°C	25-55	mm/10	ASTM D5
Softening Point (R & B)	65 Min	°C	ASTM D36
Fraas breaking point	-10 Max	°C	EN 12593
Flash point °C	220 Min	°C	ASTM D92
Viscosity at 150°C	2 to 6	Pa.s	ASTM D4402
Elastic Recovery of Half Thread in Ductilometer at 15°C	40 Min	%	ASTM D6084
Thin Film Oven Test & Test on Residue (ASTM D2872)			
Loss in Mass	1.0 Max	% Wt	ASTM D6
Reduction in Penetration of residue at 25 °C	35 Max	!%	ASTM D5
Increase in Softening Point	6 Max	°C	ASTM D36
Elastic recovery of half thread in ductilometer at 25°C	35 Min	!%	ASTM D6084

RECOMMENDED WORKING TEMPERATURES

-  Storing Temperature (°C): < 180
-  Mixing Temperature (°C): 140-160
-  Overheating limits (°C): < 190

GUARANTY AND SAFETY

We as Iraq Altaqa Company guaranty the quality of Bitumen PMB 25/55-65. To ensure this, an independent international inspection agency is arranged to verify both the quality and quantity of the Bitumen during vessel loading. Additionally, production is closely monitored by the Quality Control (QC) team through batch testing prior to shipment.

APPLICATIONS

PMB 25/55-65 is ideal for a wide range of demanding applications, including high-traffic highways, expressways, and urban roads where durability and rut resistance are essential. It is well-suited for hot mix asphalt production, airport runways, port pavements, and industrial areas requiring high load-bearing capacity. Additionally, its flexibility and water resistance make it suitable for waterproofing membrane rolls used in infrastructure protection.

PACKAGING

Our bitumen is available in a range of packaging options, including:



All packaging is weatherproof and engineered for safe, efficient handling and transportation in diverse operating environments.



Complies with
IS 15462:2019