



Polymer Modified Bitumen 40 (PMB 40) Specification

Characteristics	Unit	Specification	Test Method
Penetration at 25°C, 100 g, 5 sec	0.1 mm	30 – 50	ASTM D5
Softening Point, Ring & Ball	°C	Min. 60	ASTM D36
Elastic Recovery at 15°C	%	Min. 60	ASTM D6084
Flash Point, Cleveland Open Cup	°C	Min. 220	ASTM D92
Separation, Difference in Softening Point	°C	Max. 3	IS 15462
Viscosity at 150°C	Poise	3 – 9	IS 1206

Properties After Thin Film Oven Test

Characteristics	Unit	Specification	Test Method
Loss in Mass	%	Max. 1.0	ASTM D1754
Increase in Softening Point	°C	Max. 5	ASTM D36
Reduction in Penetration at 25°C	%	Max. 35	ASTM D5
Elastic Recovery at 25°C	%	Min. 50	ASTM D6084

Product: Polymer Modified Bitumen 40

Grade: PMB 40

Appearance: Black solid / semi-solid

Standard: IS 15462

Main Application: Highways, heavy-duty roads, airport runways, bridge decks, intersections, roundabouts, and high-performance asphalt pavements.