Catalyst Petrochem LLP

TECHNICAL DATA SHEET
Generated 18 Nov 2026

POLYMER MODIFIED BITUMEN

IS 15462 : 2019 | Packaging: Bulk | Bituminous Products

PRODUCT OVERVIEW

Elastomer-modified binders (PMB 64/70/76/82) engineered at our Jhajjar & Kosi Kalan plants for highways and heavy-traffic corridors.

APPLICATIONS

Highways · Heavy traffic roads · Airfields & expressways

IS 15462:2019 — POLYMER MODIFIED BITUMEN

Property	PMB 64-10	PMB 70-10	PMB 76-10	PMB 82-10
Softening point, R&B (°C, Min)	60	65	70	75
Elastic recovery @15°C (%, Min)	70	70	70	70
Flash point, COC (°C, Min)	230	230	230	230
Viscosity @150°C (Pa·s, Max)	1.2	1.2	1.2	1.6
G*/sinδ ≥ 1.0 kPa @10 rad/s (°C)	64	70	76	82
Phase angle δ (°, Max)	75	75	75	75
Separation, Δ softening point (°C, Max)	3	3	3	3
FRAASS breaking point (°C, Max)	-10	-10	-10	-22

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