Catalyst Petrochem LLP

TECHNICAL DATA SHEET
Generated 18 Nov 2026

CRUMB RUBBER MODIFIED BITUMEN

IS 17079 : 2019 | Packaging: Bulk | Bituminous Products

PRODUCT OVERVIEW

CRMB 55 & 60 produced from recycled crumb rubber — a sustainable, high-elasticity binder for stressed pavement sections.

APPLICATIONS

Highways · Heavy traffic roads · Stress-absorbing layers

IS 17079:2019 — TYPE B RUBBER MODIFIED BITUMEN

Property	CRMB 55	CRMB 60
Penetration @25°C (0.1mm)	60–30	50–20
Softening point, R&B (°C, Min)	55	60
Flash point, COC (°C, Min)	220	220
Elastic recovery @15°C (%, Min)	60	60
G* ≥ 1.0 kPa @10 rad/s (°C)	64	70
Separation, Δ softening point (°C, Max)	4	4
Viscosity @150°C (Poise)	4–8	6–12
Loss in mass, TFOT (%, Max)	1.0	1.0
Elastic recovery @25°C on residue (%, Min)	35	35

Catalyst Petrochem LLP · KD-197, Pitampura, Kohat Enclave Metro Station, Delhi-110034, India
+91 98712 94951 · +91 88006 53892 · info@catalystpetrochemllp.com · IEC 0517501902 · ISO 9001:2015 Certified