Catalyst Petrochem LLP

TECHNICAL DATA SHEET
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BITUMEN VG-10

IS 73 : 2013 | Packaging: Bulk, MS Drums | Bituminous Products

PRODUCT OVERVIEW

Viscosity-grade paving bitumen for surface dressing and road construction in moderate climates. Sourced from Middle East refineries and supplied pan-India.

APPLICATIONS

Road construction · Road maintenance · Surface dressing

IS 73:2013 — PAVING BITUMEN (VISCOSITY GRADED)

Property	VG-10	VG-30	VG-40
Penetration @25°C, 100g, 5s (0.1mm, Min)	80	60	45
Absolute viscosity @60°C (Poises)	800–1200	2400–3600	3200–4800
Kinematic viscosity @135°C (cSt, Min)	250	350	400
Flash point, COC (°C, Min)	220	220	220
Solubility in trichloroethylene (%, Min)	99.0	99.0	99.0
Softening point, R&B (°C, Min)	40	47	50
Viscosity ratio @60°C (Max)	4.0	4.0	4.0
Ductility @25°C (cm, Min)	75	40	25

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