CLASS: VISCOSITY GRADE

VISCOSITY GRADE VG10

PAVING GRADE ASPHALT CEMENT

DESCRIPTION

HOMAN Viscosity Grade VG-10 is a paving bitumen for cold climates and for use as emulsion base stock.

KEY FEATURES

- Graded by absolute viscosity at 60 °C (IS 73)
- Low stiffness suited to cold climates
- Reduces low-temperature cracking risk

PRIMARY APPLICATIONS

- Paving applications in very cold regions
- Base stock for manufacturing Bitumen Emulsions
- Spraying applications and surface dressing

INDEPENDENT VERIFICATION

SGS / EQUIVALENT

INDEPENDENT INSPECTION

Pre-shipment inspection by **SGS** or an equivalent independent inspector available on request. A Certificate of Analysis (COA) is issued for every batch.

AVAILABLE PACKING

- NEW STEEL DRUM (180 KG)
- FLEXITANK (20 MT)
- BULK VESSEL

RECOMMENDED: New Steel Drum — steel walls hold a soft grade in hot transit.

SPECIFICATION LIMITS · IS 73:2013 · VG-10

SPECIFICATION	TEST METHOD	UNIT	LIMIT
Absolute viscosity at 60 °C	ASTM D2171	P	800–1200
Kinematic viscosity at 135 °C	ASTM D2170	cSt	Min 250
Penetration at 25 °C, 100 g, 5 s	ASTM D5	0.1 mm	Min 80
Softening point (R&B)	ASTM D36	°C	Min 40
Flash point (Cleveland open cup)	ASTM D92	°C	Min 220
Solubility in trichloroethylene	ASTM D2042	% m/m	Min 99.0
Specific gravity at 27 °C	ASTM D70	—	Min 0.99
TESTS ON RTFOT RESIDUE (ASTM D2872)			
Viscosity ratio at 60 °C	ASTM D2171	—	Max 4.0
Ductility at 25 °C	ASTM D113	cm	Min 75

HS CODE	ORIGIN	HANDLING	SAFETY	CONTACT
2713.20	Iran	Heat in controlled-temperature tanks; avoid local overheating.	SDS on request	info@homancorp.com

Values are specification limits per the stated standard; actual results are reported per batch on the Certificate of Analysis (COA).