Homan
Refined Supply

DOCUMENT TYPE
TECHNICAL DATA SHEET

STANDARD
ASTM D2027/D2027M-10

DOCUMENT REF.
HMN-TDS-MC-250

EFFECTIVE DATE
OCT 2026 · REV. 01

CLASS: CUTBACK BITUMEN (MEDIUM CURING)

CUTBACK BITUMEN MC-250

HEAVY LIQUID CUTBACK ASPHALT BINDER

DESCRIPTION

HOMAN Cutback Bitumen MC-250 is a heavier medium-curing cutback asphalt containing a lower percentage of cutter solvent.

KEY FEATURES

- High residual bitumen content
- Thicker binder film than MC-30/MC-70
- Cures by evaporation of the solvent

PRIMARY APPLICATIONS

- Cold mix asphalt production
- Surface dressing and chip sealing
- Manufacturing of stockpile patching mixes

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

- UN 1A1 TIGHT-HEAD STEEL DRUM (180 KG / 200 L)
- ISO TANK CONTAINER

RECOMMENDED: Tight-head drum — flammable solvent, sealed packing only.

SPECIFICATION LIMITS · ASTM D2027/D2027M-10

SPECIFICATION	TEST METHOD	UNIT	LIMIT
Kinematic viscosity at 60 °C	ASTM D2170	mm²/s	250–500
Flash point (Tag open cup)	ASTM D3143	°C	Min 66
Water	ASTM D95	% vol	Max 0.2
DISTILLATION (ASTM D402) · % VOL OF TOTAL DISTILLATE TO 360 °C			
Distillate to 225 °C	ASTM D402	% vol	Max 10
Distillate to 260 °C	ASTM D402	% vol	15–55
Distillate to 316 °C	ASTM D402	% vol	60–87
Residue to 360 °C, by difference	ASTM D402	% vol	Min 67
TESTS ON DISTILLATION RESIDUE			
Viscosity at 60 °C [1]	ASTM D2171	Pa·s	30–120
Ductility at 25 °C	ASTM D113	cm	Min 100
Solubility in trichloroethylene	ASTM D2042	% m/m	Min 99.0

[1] Alternatively, penetration of residue at 25 °C: 120–250 (0.1 mm), ASTM D5; both are not required.

HS CODE
2715.00

ORIGIN
Iran

HANDLING
Flammable: no open flames; heat only in closed systems.

SAFETY
SDS on request

CONTACT
info@homancorp.com

HOMANCORP.COM

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