



ARIYAN INTERNATIONAL INC.
Bridging Businesses Together

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OXIDIZED BITUMEN GRADE 25 – 95

This type of bitumen is created during the process of oxidation in a vacuum bottom (The bitumen production feedstock that is derived from a distillation tower residue in vacuum oil refineries) at bitumen production units. The penetration point (Kind of test to indicate the hardness) of bitumen becomes **25/95**).

| PROPERTY/UNIT | SPECIFICATION | METHOD |
|-----------------------------------|---------------|------------------|
| Specific gravity @ 25/25 °C, (CG) | 1.06/1.01 | ASTM D70 |
| Penetration @ 25 °C, (mm/10) | 20 – 30 | ASTM D5 |
| Softening point (°C) | 90 – 100 | ASTM D36 |
| Loss on heating (wt %) | 0.2 max | ASTM D6 |
| Flash point (°C) | 250 °C min | ASTM D92 |
| Solubility in sc2 (wt %) | 99.5 min | ASTM D4 |
| Spot test | Negative | *A.A.S.H.O.T 102 |

USAGE:

Bitumen penetration grade **25/95** is standard penetration grade bitumen. It is used as paving grade bitumen suitable for road construction and for the production of asphalt pavements with superior properties. This grade of bitumen is mainly used in the manufacture of hot mix asphalt for bases and wearing courses.