



DATA SHEET OF BITUMEN PENETRATION 20/30

Features of bitumen penetration grade 20/30

It is a kind of bitumen and standard penetration grade. This type is petroleum grade bitumen, manufactured from fractional- vacuum destination of crude oil. The bitumen supplied by RABIT (Raha bitumen) is produced from vacuum residue (short residue) feedstock. penetration grade bitumens are specified by the penetration and softening point test. designation by penetration range only. The penetration grade bitumens have a thermoplastic property which causes the material to soften at high temperatures and to harden at low temperatures.

Application of bitumen penetration grade 20/30

Bitumen 20/30 is suitable for road construction and for the asphalt pavements with superior properties. This type of bitumen used in manufacture of hot mix asphalt for bases and wearing courses.

Guaranty and safety of bitumen penetration 20/30

RABIT (raha bitumen) company guaranty the quality of bitumen penetration grade 20/30 with the arrangement of the international inspector to check quality and quantity of the *bitumen penetration grade 20/30* during the loading to the vessel and controlling the production by QC by batch test report before shipping. RABIT guarantees the quality to meet with ASTM.

Specification of bitumen penetration 20/30

| Bitumen 20/30 | Test method | Unit | Specification |
|-------------------------------------|----------------|--------------------|---------------|
| Specific gravity @ 25°C | ASTM D70 | Kg/cm ³ | 1.01/1.06 |
| Penetration @ 25°C | ASTM D5 | Mm/10 | 20/30 |
| Softening point °c | ASTM D36 | °C | 55/63 |
| Ductility @25 °c | ASTM D113 | Cm | 100 min |
| Loss on heating(wt) % | ASTM D6 | wt % | 0.2 max |
| Drop in penetration after heating % | ASTM D5-D6 | % | 20 max |
| Flash point c | ASTM D92 | °C | 250 min |
| Solubility is cs2(wt) % | ASTM D4 | wt % | 99.5 max |
| Spot test | A.a.s.h.o.t102 | | Negative |



Gold Supplier



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