

SASOL
reaching new frontiers



Sasol Wax

Australia

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What is Sasobit®?

Sasobit® is a mixture of long-chain hydrocarbons produced by the Fischer-Tropsch synthesis. They are alkanes with a chain length of 40 to 115 carbon atoms. The product is free from ash-forming materials (metals) and contains no hetero-atoms such as chlorine, sulphur, nitrogen and oxygen. As a result, Sasobit® has excellent oxidation and ageing stability and may be stored indefinitely.

When road bitumen are admixed with Sasobit®, their properties are markedly improved.

Adding just 3% weight to a 50/70 bitumen results in a large increase in R&B softening point to the level of that of 10/20 bitumen. The plasticity range (the difference between the R&B softening point and the Fraass breaking point) is considerably extended. The high R&B value is both a recognition and identification feature when the binder is extracted from the asphalt.

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