



SANYANG PETROLEUM

55 Jalan SS25/32, Taman Mayang, 47301 Petaling Jaya, Selangor, Malaysia
Tel: +603-78031184 Fax: +603-78031208
Email: info@sanyangpetroleum.com Website: www.sanyangpetroleum.com
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SANYANG ROADBIT™ PEN 60/70

Technical Data Sheet (TDS) | Penetration Grade Paving Bitumen

Product Category	Bitumen / Asphalt Binder	Grade	Penetration Grade 60/70
Recommended Use	Road construction, asphalt mixing, infrastructure projects	Supply Basis	Subject to quantity, origin, packaging and logistics confirmation

Product Description

SANYANG ROADBIT™ PEN 60/70 is a penetration grade paving bitumen intended for asphalt pavement production, road construction, highway works, airport pavements, industrial paving and infrastructure applications. The product is suitable for hot mix asphalt and bituminous pavement systems requiring consistent penetration, softening point, ductility and weather-resistant performance.

Typical Applications

Road Construction Highways, expressways, municipal roads and rural road projects.	Asphalt Mixing Plants Hot mix asphalt production and pavement surfacing.
Airport Pavements Runway, taxiway and pavement rehabilitation works.	Industrial Infrastructure Ports, logistics parks, container yards, warehouses and industrial estates.

Typical Specifications

Specific Gravity @ 25°C	g/cm ³	1.01 - 1.06
Penetration @ 25°C	0.1 mm / dmm	60 - 70
Softening Point	°C	Min. 46
Ductility @ 25°C	cm	Min. 100
Loss on Heating	wt%	Max. 0.20
Drop in Penetration After Heating	%	Max. 20
Flash Point	°C	Min. 230
Solubility in TCE	wt%	Min. 99.0
Spot Test	-	Negative
Dynamic Viscosity @ 60°C	Pa.s	200 ± 40
Kinematic Viscosity @ 135°C	cSt	Min. 300



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Test on Residue from TFOT

Residue properties after Thin Film Oven Test (TFOT)

Retained Penetration After TFOT	%	Min. 52
Ductility @ 25°C After TFOT	cm	Min. 50
Viscosity @ 60°C After TFOT	Pa.s	Max. 1000

Performance Characteristics

SANYANG ROADBIT™ PEN 60/70 provides strong aggregate adhesion, reliable pavement binding performance, resistance to water damage, and suitable flexibility for road and infrastructure applications in tropical and subtropical operating environments.

Packaging Options

Bulk Vessel	For large-volume export or project supply.
Bitutainer	Suitable for flexible international bitumen logistics.
New Steel Drums	Common export packaging for smaller shipment quantities.
Jumbo Bags / Poly Bags	Subject to destination requirements and handling capability.

Storage & Handling

Store in clean and dry conditions. Avoid contamination by water or foreign materials. Maintain recommended handling temperatures during transportation, storage, loading and discharge operations. Appropriate safety procedures and protective equipment should be used when handling heated bitumen.

Disclaimer

The information contained in this Technical Data Sheet is provided in good faith and is based on typical product specifications available at the time of issue. Values shown are intended as general guidance and should not be treated as guaranteed specifications. Customers should conduct their own technical evaluation and request batch-specific COA before final use or application.