



Asia Petrochemicals LLC

Product: Penetration Grade Bitumen 80/100
Packing: New Steel Drum 180± 5Kgs / Bulk

Typical Applications

Bitumen Penetration Grade 80-100 can be used in various types of road applications such as hot-mix asphalt (HMA) and surface treatment (single or multiple) for pavement base and surfaces and for road maintenance for highway, airport, parking area and driveways.





Asia Petrochemicals LLC

Penetration Grade Bitumen 80-100

PRODUCT DESCRIPTION

Bitumen Penetration Grade 80-100 is binder material for pavement construction. This is petroleum Bitumen produced by refining of crude petroleum. 80-100 Bitumen meets the requirements of the American State Highway Specification for penetration grade of Bitumen.

Storage:

Stage	Recommended Temperature Range (°C)
Storage Short Term	120 – 140
Storage: Long Term	Below 100
Mixing/ Coating with Aggregate	140 – 160
Laying/ Paving	Above 125
Beginning of compaction	Over 110

Packing: 185kg / Drum

Typical Data

PROPERTY	UNIT	MIN	MAX	TEST METHOD
Penetration at 25°C, 100g, 5 sec	0.1 mm.	80	100	ASTM D5
Softening Point, Ring & Ball	°C	42	52	ASTM D36
Solubility in Trichloroethylene	% wt	99.0	-	ASTM D2042
Ductility at 25 °C, 5 cm per min.	Cm	100	-	ASTM D113
Flash Point Temperature (Cleveland open cup)	°C	250	-	ASTM D92
Loss on heating	% wt.	-	0.2	ASTM D6
Drop in penetration after heating	%	-	20	ASTM D6/D5

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

Asia Petrochemicals LLC
PO Box 76283 Dubai UAE
T +971 4 2384533 F +971 4 2384534