

Penetration-grade bitumen is mainly used in road surfacing. Bitumen with lower penetration grade is used in the regions with warm climate while higher penetration grade is used in colder weather. Oil Company is capable of producing different grades of road surfacing bitumen in compliance with international standards .

<b>Test</b>	<b>Methodology</b>	<b>30-40</b>	<b>40-50</b>	<b>60-70</b>	<b>85-100</b>	<b>100-120</b>
Density	ASTM D-7	06/1-01/1	06/1-01/1	06/1-01/1	5 0/1-1	04/1-01/1
Penetration Rate at 25C	ASTM D-5	30-40	40-50	60-70	85-100	100-120
Softening Point °C	ASTM D-36	55-63	52-60	49-56	45-52	42-49
Ductility 25C (cm)	ASTM D-113	Min 100	Min 100	Min 100	Min 100	Min 100
Flash Point°C	ASTM D-92	Min250	Min250	Min250	Min250	Min250
Solubility Disulfide %wt.	ASTM D-4	5/99	5/99	5/99	5/99	5/99

<b>Test</b>	<b>Methodology</b>	<b>30-40</b>	<b>40-50</b>	<b>60-70</b>	<b>85-100</b>	<b>100-120</b>
Stain Test	AASHTO T 102	Negative	Negative	Negative	Negative	Negative
Wieht Loss by Heating %wt.	ASTM D-6	Max 2 /0	Max 2 /0	Max 2 /0	Max 2 /0	Max 2 /0
Wieht Loss by Heating ·%	ASTM D-6-D-5	20 Max	Max20	Max20	Max20	Max20