



Bitumen Grade: C-320

Description and Applications:

Penetration Grade Bitumen is mainly used in road surfacing and some industrial applications. We supply penetration Grade Bitumen which is petroleum based and manufactured from Vacuum Bottom (VB) feedstock. Penetration Grade Bitumen is specified by the penetration and softening point test. Bitumen with lower penetration grade is used in the regions with warm climate while higher penetration grade is used in colder weather.

Characteristics and Specifications:

Based on ASTM D946 Bitumen

Health and Safety:

Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request.

Test Item Test Items	Unit Unit	Test Method Test Method	Min Min	Max Max
Specific Gravity 25 °C	-	ASTM D70	1.01	1.06
Penetration at 25 °C	0.1mm	ASTM D5	40	-
Viscosity at 60°C	Pa.s	ASTM D2171	260	380
Viscosity at 135°C	Pa.s	ASTM D2171	0.40	0.65
Flash Point (COC)	°C	ASTM D92	250	-
Matter Insoluble in Trichloroethylene	%wt	ASTM D2042	-	1
After Rolling Thin Film Oven Test (RTFO)				
Viscosity of Residue at 60°C	% of original	ASTM D2171	-	300



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