



Bitumen Grade: C-450

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:

Viscosity Grade Bitumen Specification (AS2008-2013)

Health and Safety:

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

Test Items	Unit	Test Method	Min	Max
Viscosity, 60°C	Pa.s	AS/NZS 2341.2	Report	
Viscosity, 135°C	Pa.s	AS 2341.3	-	0.70
Penetration at 25 °C	0.1mm	AS 2341.12	Report	
Flash Point	°C	AS 2341.14	250	-
Matter Insoluble in Toluene	%wt	AS/NZS 2341.20 or 2341.8	-	1
Density at 15°C	Kg/m3	AS 2341.7	Report	
Tests on residue from thin-film oven test (RTFO):				
Viscosity, 60°C	Pa.s	AS/NZS 2341.10 Or 2341.2	750	1150
Viscosity of RTFO residue as % of original	%	AS/NZS 2341.10 Or 2341.2	Report	
Penetration at 25 °C after RTFO	0.1mm	AS/NZS 2341.10 Or 2341.12	26	-
Mass change	%	AS/NZS 2341.10 Or 2341.12	-	0.6



Tel: +98 21 72065000



Web: www.bhpbitumen.com



Email: Info@bhpbitumen.com



Add: No.11, Golkhane St, Nelson Mandela Blvd, Tehran, Iran