



FREE ZONE COMPANY REGISTERED AND LICENSCEED UNDER DMCCA RULES AND REGULATIONS
J&G DMCC UNIT NO 2H-08-16 FLOOR NO. 8, DUBAI UAE. Tel: 9714-3918873 Email: sales@petraoil.com

**VISCOSITY GRADED BITUMEN
BITUMEN C170
Technical Data Sheet**

1. Description:

Viscosity Graded Bitumen C170 is high quality asphalt, derived from crude petroleum refining. It is a paving grade bitumen manufactured to AS 2008 Table 2.2 and is suitable for standard sealing and lightly trafficked asphalt application.

2. Uses:

This grade is used as binders of mineral aggregates in asphalt concrete and hot laid plant mix for highways, airports, parking areas, driveways and curbs.

3. Specification:

N0	Properties	Method	Spec		Unit
			Min	Max	
1	Viscosity at 60° C	AS2341-2	160	230	Pa.s
2	Viscosity at 135° C	AS2341.4	0.30	0.50	Pa.s
3	Penetration 100g, 5s @ 25°C (p.u)	AS2341.12	55	78	mm
4	Binder Density @ 15°C	AS2341.7	1000		kg/m3
5	Matter Insoluble in Toluene	AS2341.8		1.0	%
6	Flash Point, Cleveland Open Cup	ASTM D92	250		°C
7	Short Term Effect of Heat and Air (% Change in viscosity of RTFO Treated vs untreated bitumen)	AS2341.10 AS231.2		300	
8	Post RTFO Ductility @ 15°C	AS2341.11	400		mm

4. Safe Handling and Storage:

4.1 Handling:

- Use Personal Protective Equipment (PPE's) when handling (i.e. gloves, eye protectors, etc.
- Maintain safe heating temperatures when using this product
- Avoid contact with skin, eyes and clothing
- Avoid breathing vapor, spray or mists when applying.

4.2 Storage:

4.2.1 Drums

Keep drums in a cool, well-ventilated place.

5. Packaging:

Viscosity Graded Bitumen C170 is available in 0.6 mm thickness, 180 kg net weight drums, 95 cm height and 45 cm diameter (+/- 3 kg operational tolerance).