



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Specifications Bitumen C600

DESCRIPTION	UNIT	MIN	MAX	TEST METHOD
Viscosity at 60° C	Pa.s	500	700	AS2341-2
Viscosity at 135° C	Pa.s	0.6	0.85	AS2341.4
Penetration 100g, 5s @ 25°C (p.u)	mm	20	-	AS2341.12
Binder Density @ 15°C	kg/m3	1000	-	AS2341.7
Matter Insoluble in Toluene	%	-	1	AS2341.8
Flash Point, Cleveland Open Cup	°C	250	–	ASTM D92
Viscosity at 60° C (% of the original After RTFO treatment	%	-	300	AS2341.10 AS231.2

❖ Applications of Bitumen C600:

- **Road Construction:** Used in areas requiring high durability and resistance to extreme weather conditions.
- **Waterproofing:** Provides strong resistance against water penetration.
- **Industrial Uses:** Ideal for sealants, adhesives, and certain protective coatings.

❖ Key Characteristics:

- **High Viscosity:** Ensures stability in demanding applications.
- **Low Penetration:** Makes it suitable for heavy-duty and high-load environments.
- **Excellent Adhesion:** Adheres strongly to surfaces, making it reliable for long-term performance



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