



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Specifications Bitumen C320

DESCRIPTION	UNIT	MIN	MAX	TEST METHOD
Viscosity at 60° C	Pa.s	260	380	AS2341-2
Viscosity at 135° C	Pa.s	0.4	0.55	AS2341.4
Penetration 100g, 5s @ 25°C (p.u)	mm	40	-	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	-	300	AS2341.10 AS231.2

❖ Applications of Bitumen C320:

1. Road Construction
2. Paving of Roads and Highways
3. Industrial Coatings
4. Asphalt for High-Temperature Zones:
5. Rubber-Modified Bitumen:
6. Road Marking and Pavement Sealers

❖ Key Characteristics of Bitumen C320:

- **Higher Viscosity:** Ensures better durability and stability in asphalt and road construction.
- **Good High-Temperature Performance:** Bitumen C320 is less prone to softening in high temperatures, making it ideal for heavy-duty applications.
- **Excellent Adhesion:** Provides strong bonding to aggregates and other surfaces in road construction.



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