



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Technical Datasheet of Blown Bitumen 85/25

Bitumen 85/25	Test method	Unit	Specification
Specific gravity @25/25 C	ASTM D70	(Kg/m3)	1.05 approx.
Penetration @ 25°C	ASTM D5	mm/10	20/30
Softening point °C	ASTM D36	°C	80/90
Ductility @25 °C	ASTM D113	Cm	3 min
Loss on heating(wt) %	ASTM D6	Wt. %	0.2 max
Flashpoint c	ASTM D92	°C	250 min
Solubility is CS2(wt) %	ASTM D4	Wt. %	99.5 max
Spot test	A.A.S.H.O.T 102	—	Negative

Performance Characteristics

- **Oxidation Resistance:** Excellent resistance to oxidation, which prevents degradation over time.
- **Weathering Resistance:** Ideal for outdoor use due to its resilience to weathering effects.
- **Waterproofing:** Provides strong water resistance, suitable for waterproofing applications.
- **Adhesion:** Excellent adhesive qualities on materials like metal, concrete, and wood.

Packaging and Storage

- **Packaging:** Typically available in drums, bags, or bulk.
- **Storage Conditions:** Should be stored in a cool, dry place away from direct sunlight.
- **Shelf Life:** Minimum 12 months under optimal storage conditions.



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