



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Technical Datasheet of Blown Bitumen 90/10

Bitumen 90/10	Test method	Unit	Specification
Specific gravity @25/25 C	ASTM D70	(Kg/m3)	1.05 approx.
Penetration @ 25°C	ASTM D5	mm/10	15-May
Softening point °C	ASTM D36	°C	85/95
Ductility @25 °C	ASTM D113	Cm	1.5min
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.T102	—	Negative

Performance Characteristics

- Oxidation Resistance:** High resistance to oxidation, prevents material degradation over time.
- Weathering Resistance:** Excellent resistance to environmental effects, ideal for outdoor applications.
- Waterproofing:** Highly resistant to water, suitable for waterproofing and sealing.
- Adhesion:** Strong adhesion properties, compatible with concrete, metal, and other construction materials.

Packaging and Storage

- Packaging:** Available in drums, bags, or bulk.
- Storage Conditions:** Store in a dry, cool place away from direct sunlight.
- Shelf Life:** Minimum 12 months if stored correctly.



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