



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

## Technical Datasheet of Blown Bitumen 90/40

Bitumen 90/40	Test method	Unit	Specification
Specific gravity @25/25 C	ASTM D70	(Kg/m3)	1.05 approx.
Penetration @ 25°C	ASTM D5	mm/10	35/45
Softening point °C	ASTM D36	°C	85/95
Ductility @25 °C	ASTM D113	Cm	5.5min
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:** Resists oxidation, which minimizes aging and hardening over time.
- **Waterproofing:** High water resistance, making it suitable for waterproofing applications.
- **Strong Adhesion:** Bonds well to various substrates such as concrete, metal, and wood.
- **Weather Resistance:** Can withstand UV exposure and other weathering effects, making it ideal for outdoor applications.

### 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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