



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

## Technical Datasheet of Blown Bitumen 90/15

Bitumen 90/15	Test method	Unit	Specification
Specific gravity @25/25 C	ASTM D70	(Kg/m <sup>3</sup> )	1.05 approx.
Penetration @ 25°C	ASTM D5	mm/10	20-Oct
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:** Strong resistance to oxidation, which enhances longevity by preventing aging and brittleness.
- **Weatherproof and Waterproof:** Highly resistant to water and harsh weather conditions, making it effective in waterproofing applications.
- **Strong Adhesion:** Bonds effectively to construction materials like concrete, wood, and metals.
- **Durability:** Withstands environmental factors and resists degradation over time, making it ideal for long-lasting 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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