



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Bitumen Penetration Grade 85/100 Specifications

Bitumen 85/100	Test method	Unit	Specification
<i>Specific gravity @ 25°C</i>	<i>ASTM D70</i>	<i>Kg/cm³</i>	<i>1.01/1.06</i>
<i>Penetration @ 25°C</i>	<i>ASTM D5</i>	<i>mm/10</i>	<i>85/100</i>
<i>Softening point °C</i>	<i>ASTM D36</i>	<i>°C</i>	<i>41/49</i>
<i>Ductility @25 °C</i>	<i>ASTM D113</i>	<i>Cm</i>	<i>100 min</i>
<i>Loss on heating(wt) %</i>	<i>ASTM D6</i>	<i>wt %</i>	<i>0.2 max</i>
<i>Drop in penetration after heating %</i>	<i>ASTM D5-D6</i>	<i>%</i>	<i>20 max</i>
<i>Flash point c</i>	<i>ASTM D92</i>	<i>°C</i>	<i>250 min</i>
<i>Solubility is CS₂(wt) %</i>	<i>ASTM D4</i>	<i>wt %</i>	<i>99.5 min</i>
<i>Spot test</i>	<i>A.A.S.H.O.T102</i>		<i>Negative</i>

Bitumen grade 85/100 Applications

- 1. Paving Roads**
- 2. Surface Dressing**
- 3. Asphalt Concrete**
- 4. Cold and Hot Mix Asphalt**
- 5. Bituminous Macadam**
- 6. Repair and Maintenance**
- 7. Airfield Runways and Taxiways**
- 8. Rural and Urban Roads**



Karşıyaka mahallesi,749 sokak ,No 30 ,
Gölbaşı/Ankara/Türkiye



www.zumrut-int.com



+90 555 160 57 39
+90 312 544 45 81



Info@zumrut-int.com