



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Specifications of Polymer Modified Bitumen 70

<i>Properties</i>	<i>Units</i>	<i>Limits</i>	<i>Test Methods</i>
<i>Penetration @25°C (77°F), 100gm, 5sec</i>	<i>0.1MM</i>	<i>50-90</i>	<i>ASTM D5</i>
<i>Softening Point, Ring & Ball</i>	<i>°C</i>	<i>Min. 55</i>	<i>ASTM D36</i>
<i>Fraass Breaking Point</i>	<i>°C</i>	<i>Max. -16</i>	<i>EN 12593</i>
<i>Flash Point Cleveland open cup</i>	<i>°C</i>	<i>Min. 220</i>	<i>ASTM D92</i>
<i>Elastic Recovery at 15°C</i>	<i>%</i>	<i>Min. 40</i>	<i>ASTM D6084</i>
<i>Separation, Difference in Softening Point</i>	<i>°C</i>	<i>Max. 3</i>	<i>-</i>
<i>After Rolling Thin-Film Oven Test (RTFO)</i>			<i>ASTM D1754</i>
<i>Loss on Heating</i>	<i>%Wt</i>	<i>Max. 1.0</i>	<i>ASTM D6</i>
<i>Increase in Softening Point</i>	<i>°C</i>	<i>Max. 6</i>	<i>ASTM D36</i>
<i>Drop in Penetration</i>	<i>%</i>	<i>Max. 35</i>	<i>ASTM D5</i>
<i>Elastic Recovery at 25°C</i>	<i>%</i>	<i>Min. 35</i>	<i>ASTM D6084</i>

Application of Polymer Modified Bitumen (PMB 70)

- 1. Highways and Expressways:*
- 2. Airport Runways and Taxiways:*
- 3. Urban Roads and Intersections:*
- 4. Bridge Decks and Flyovers:*
- 5. Industrial and Container Yards:*
- 6. Rural Roads and Climate-Extreme Zones*



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