



## Bitumen 40-60

### Specifications of 40-60 bitumen

| Penetration – Graded Asphalt cement<br>Bs EN 12591                                                       | Test / Method |        |         | Grade 40-60        |     |
|----------------------------------------------------------------------------------------------------------|---------------|--------|---------|--------------------|-----|
|                                                                                                          | ASTM          | AASHTO | INSO    | min                | max |
|                                                                                                          | -             | -      | 12505-1 |                    |     |
| Softening Point °c                                                                                       | D36           | -      | 3836    | 48                 | 56  |
| Flash Point °c                                                                                           | D92           | T48    | 198     | 230                | -   |
| Penetration @ 25 °c , 01 mm@ 25 °c , 01 mm                                                               | D5            | T49    | 2950    | 40                 | 60  |
| Solubility in trichloroethylene , w%                                                                     | D2042         | T44    | 2953    | 99.0               | -   |
| Speical Weight @25 °, gr/cm                                                                              | EN<br>12592   | T228   | 3872    | To be reported     |     |
| Rolling Thin – Film Oven Test                                                                            | D2872         | T240   | 11898   | -                  |     |
| Change in Mass , w%                                                                                      | En 12607-1    |        |         | 0.5≥               |     |
| Penetration %                                                                                            |               |        |         | 50≤                |     |
| Increase the softness point under normal condition °C<br>OR<br>Increase the softness point than usual °C |               |        |         | 9≥<br>Or<br>11≥    |     |
| Premeability index                                                                                       |               |        |         | NR<br>-1.5 to +0.7 |     |
| Fraass breaking Point °C                                                                                 | -             | -      | 3867    | -7≥ or NR          |     |

**Please let us have your confirmation / Comment in this regard:**

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