

Palayesh-e Hesar Mehran Co.

Brand: Hesar Mehran

Bitumen **30-45**



| Penetration-Graded Asphalt Cement BS EN 12591 | | Test / Method | | | Grade 30-45 | |
|--|--|---------------|--------|---------|--------------------|-----|
| | | ASTM | AASHTO | INSO | Min | Max |
| | | - | - | 12505-1 | | |
| 1 | Softening Point , ⁰ C | D36 | - | 3868 | 52 | 60 |
| 2 | Flash Point , ⁰ C | D92 | T48 | 198 | 240 | - |
| 3 | Penetration @ 25 ⁰ C , 0.1 mm | D5 | T49 | 2950 | 30 | 45 |
| 4 | Solubility in trichloroethylene , w % | D2042 | T44 | 2953 | 99.00 | - |
| 5 | Special Weight@ 25 ⁰ C , gr/cm ³ | EN 12592 | T228 | 3872 | To be reported | |
| 6 | Rolling Thin-Film Oven Test | D2872 | T240 | 11898 | - | |
| 6-1 | Change in Mass ,w% | EN 12607-1 | | | 0.5 ≥ | |
| 6-2 | Penetration,% | | | | 53 ≤ | |
| 6-3 | Increase the softness point under normal conditions, ⁰ C OR Increase the softness point than usual , ⁰ C | | | | 8 ≥ Or 11 ≥ | |
| 6-4 | Permeability index | | | | NR -1.5 to +0.7 | |
| 6-5 | Fraass breaking Point , ⁰ C | | | | - | - |



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