









مشخصات فنی قیر PG 76

Performance Grade Bitumen PG 76

| Item  | Value       |
|---|-------------|
| Performance Grade:  | PG 76<br>10 |
| Average 7 day maximum pavement design temperature °C:   | <76         |
| Minimum pavement design temperature °C:   | >10         |
| Original Binder   |             |
| Flash point temp, T48, Minimum °C:  | 230         |
| Viscosity, T316, maximum 3pas, test temp °C:  | 135         |
| Dynamic shear, T 315, G/sin minimum 1.00 kPa, test temp @ 10 rad/s °C:                        | 76          |
| Rolling Thin Film Oven Residue (T 240)  |             |
| Mass change maximum percent:  | 1.00        |
| Dynamic shear, T 315, G/sin Maximum 2.20 kPa, test temp @ 10 rad/s, °C:                       | 76          |
| Pressure Aging Vessel (R 28)  |             |
| PAV aging temperature °C:   | 100 (110)   |
| Dynamic shear, T 315: G/sin maximum 5000 kPa, test temp @ 10 rad/s, °C:                       | 37          |
| Creep stiffness, T 313: S, maximum 300 Mpa m-value, minimum 0.300, test temp @ 60s, °C:       | 0           |
| Direct tension, T314: failure strain, minimum 0.300 test temp @ 60s, °C:                      | 0           |
| Critical low cracking temp, PP 42: critical cracking temp determined by PP 42, test temp, °C: | 0           |

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