Revise Section 702 of the standard specifications as follows:

Table 702-1 shall be replaced with the following:

Table 702-1
SUPERPAVE PERFORMANCE GRADED BINDERS

| **Property** | **Requirement for PG Binder** | **AASHTO****Test No.** |
| --- | --- | --- |
| **58-28** | **58-34** | **64-22** | **64-28** | **70-28** | **76-28** |
| **Original Binder Properties** |  |  |  |  |  |  |  |
| Flash Point Temp., °C, minimum | 230 | 230 | 230 | 230 | 230 | 230 | T 48 |
| Viscosity at 135 °C, Pa●s, maximum | 3 | 3 | 3 | 3 | 3 | 3 | T 316 |
| Dynamic Shear, Temp. °C, where G\*/Sin δ @ 10 rad/s ≥ 1.00 kPa | 58 | 58 | 64 | 64 | 70 | 76 | T 315 |
| Ductility, 4 **°**C (5 cm/min.), cm minimum | - | - | - | 50 |  | - | T 51 |
| Toughness, joules (inch-lbs) | - | - | - | 12.4 (110) |  | - | CP-L 2210 |
| Tenacity, joules (inch-lbs) | - | - | - | 8.5 (75) |  | - | CP-L 2210 |
| Acid or Alkali Modification (pass-fail) | Pass | Pass | Pass | Pass | Pass | Pass | CP-L 2214 |
| **Property** | **Requirement for PG Binder** | **AASHTO****Test No.** |
| **58-28** | **58-34** | **64-22** | **64-28** | **70-28** | **76-28** |
| **RTFO Residue Properties** |  |  |  |  |  |  | CP-L 2215 |
| Mass Loss, percent maximum | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | CP-L 2215 |
| Dynamic Shear, Temp. °C, where G\*/Sin δ @ 10 rad/s ≥ 2.20 kPa | 58 | 58 | 64 | 64 | 70 | 76 | T 315 |
| Elastic Recovery, 25 °C, percent min. | - | - | - | - | 50 | 50 | T 301 |
| Ductility, 4 **°**C (5 cm/min.), cm minimum | - | - | - | 20 | - | - | T 51 |
| **PAV Residue Properties, Aging Temperature** **100** °**C** |  |  |  |  |  |  | R 28 |
| Dynamic Shear, Temp. °C, where G\*●Sin δ @ 10 rad/s ≤ 6000 kPa | 19 | 16 | 25 | 22 | 25 | 28 | T 315 |
| Creep Stiffness, @ 60 s, Test Temperature in °C | -18 | -24 | -12 | -18 | -18 | -18 | T 315 |
| S, maximum, MPa | 300 | 300 | 300 | 300 | 300 | 300 | T 313 |
| m-value, minimum | 0.300 | 0.300 | 0.300 | 0.300 | 0.300 | 0.300 | T 313 |