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 | | |