



14700 Downey Avenue
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: PG 76 - 22TR **PRODUCT CODE:** 13713

DESCRIPTION: A tire rubber/SBS polymer modified asphalt cement for use in hot mixes in hot temperature climates or under heavier load conditions.

MEETS SPECIFICATIONS: Arizona DOT

| TESTS | ASTM METHOD | AASHTO METHOD | SPECS. | TYPICAL ANALYSIS ¹ |
|------------------------------------|-------------|---------------|-----------|-------------------------------|
| Original Asphalt: | | | | |
| Dynamic Shear, 76°C, G*/sinδ, kPa | D7175 | T315 | 1.00 min | 2.3 |
| Phase Angle, 76°C, degrees | D7175 | T315 | 75 max | 63 |
| Viscosity, Rotational, 135°C, Pa·s | D4402 | T316 | 3 max | 1.5 |
| Flash Point, C.O.C., °C | D92 | T48 | 230 min | 300 |
| Ground Tire Rubber, % | | | 9 min | 10 |
| Elastic Recovery, 25°C, % | D6084 | | 55 min | 95 |
| Solubility in Trichloroethylene, % | D2042 | T44 | 97.5 min | 98 |
| Specific Gravity, 77/77°F | D70 | T228 | | 1.070 |
| Specific Gravity, 60/60°F | D70 | T228 | | 1.076 |
| API Gravity, 60°F | D70 | T228 | | 0.0 |
| Residue from R.T.F.O. Oven Test: | D2872 | T240 | | |
| Dynamic Shear, 76°C, G*/sinδ, kPa | D7175 | T315 | 2.20 min | 2.3 |
| Mass Loss, % | D2872 | T240 | 1.00 max | 0.2 |
| Residue from P.A.V. Test @ 110°C: | D6521 | R28 | | |
| Dynamic Shear, 31°C, G* sinδ, kPa | D7175 | T315 | 5000 max | 1760 |
| Creep Stiffness, -12°C, S, MPa | D6648 | T313 | 300 max | 170 |
| m-Value, -12°C | D6648 | T313 | 0.300 min | 0.318 |

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.

AVAILABILITY: Readily Available, Phoenix Terminal

DOT SHIPPING NAME: UN3257, Elevated temperature liquid, n.o.s., 9, III

DOT PLACARD: Hot, 3257

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