



14700 Downey Avenue
P.O. Box 1418
Paramount, CA 90723-1418
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: MAC-10TR

PRODUCT CODE: 13721

DESCRIPTION: A tire rubber modified asphalt cement for use in hot mixes to resist rutting and cracking. The product is smooth and homogeneous, and it mixes like a conventional asphalt.

MEETS SPECIFICATIONS: Paramount Petroleum

| TESTS | ASTM METHOD | AASHTO METHOD | SPECS. | TYPICAL ANALYSIS ¹ |
|--------------------------------|-------------|---------------|-----------|-------------------------------|
| Original Asphalt: | | | | |
| Minimum Recycled Tire Rubber,% | | | 10.0 min | 11 |
| Abs. Viscosity, 140°F, Poise | D2171 | T202 | 5000 min | 5200 |
| Kin. Viscosity, 275°F, cSt | D2170 | T201 | 1000 max | 700 |
| Penetration, 77°F, 100g, 5s | D5 | T49 | 40-60 | 46 |
| Penetration, 4°C, 200g, 60s | D5 | T49 | 20 min | 22 |
| Softening Point, °F | D36 | T53 | 127 min | 129 |
| Flash Point, C.O.C., °F | D92 | T48 | 450 min | 590 |
| Solubility in TCE, wt. % | D2042 | T44 | 97.5 min | 98.6 |
| Specific Gravity, 77/77 °F | D70 | T228 | | 1.032 |
| Specific Gravity, 60/60 °F | D70 | T228 | | 1.038 |
| API Gravity, 60°F | D70 | T228 | | 4.8 |
| Density, 60°F, Lbs/Gallon | D70 | T228 | | 8.65 |
| Residue from R.T.F.O. Test: | | | | |
| Abs. Viscosity, 140°F, Poise | D2171 | T202 | 20000 min | 22500 |
| Aging Index, 140°F | D2171 | T202 | | 4.3 |
| Kin. Viscosity, 275°F, cSt | D2170 | T201 | 1500 max | 1240 |
| Penetration, 77°F, 100g, 5s | D5 | T49 | 20-40 | 28 |
| % of Original Penetration | D5 | T49 | 50 min | 60 |
| Penetration, 4°C, 200g, 60s | D5 | T49 | 14 min | 16 |
| Loss on Heating, wt.% | D2872 | T240 | | 0.6 |

¹Values shown as typical may, at times, be superseded by results which are current at a particular time.

AVAILABILITY: Readily available

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

DOT PLACARD: Hot, 3257

RELEASED: 02-01-2003