



14700 Downey Avenue
P.O. Box 1418
Paramount, CA 90723-1418
(562) 531-2060

PRODUCT SPECIFICATIONS

PRODUCT: EMULSIFIED ASPHALT

GRADE: LMCQS - 1h

PRODUCT CODE: 13615

DESCRIPTION: A latex modified anionic quick setting emulsion manufactured from hard base asphalt.

MEETS SPECIFICATIONS: Paramount Petroleum

| TESTS | ASTM METHOD | ASHTO METHOD | SPECS. | TYPICAL ANALYSIS ¹ |
|------------------------------------|-------------|--------------|----------|-------------------------------|
| Viscosity, Saybolt, 122°F, SFS | D244 | T59 | 15-300 | 34 |
| Storage, Stability, 24 H, % | D244 | T59 | 1 max | 0.03 |
| Ph | E70 | T200 | 6.7 max | 3.3 |
| Particle Charge Test | D244 | E70 | positive | pos. |
| Sieve Test, % | D244 | T59 | 0.1 max | 0.07 |
| Density, 60°F, lbs/gallon | D244 | T59 | | 8.39 |
| Residue by evaporation, % | D244 | T59 | 57 min | 62 |
| Tests on residue from evaporation: | | | | |
| Penetration, 77°F, 100g, 5s | D5 | T49 | 40-75 | 46 |
| Penetration, 4°C, dmm | D5 | T49 | 15 min | 17 |
| Abs. Viscosity, 140°F, Poise | D2171 | T202 | | 2450 |
| Ductility, 77°F, 5 cm/min, cm | D113 | T51 | 100 min | 150+ |
| Elastic recovery, % | | T301 | 55 min | 60 |
| Softening point, °F | D36 | T53 | 130 min | 153 |
| Polymer content, wt % | | | 3.5 min | 3.5 |
| Toughness, inch-pounds | D5801 | | 150 min | 187 |
| Tenacity, inch-pounds | D5801 | | 110 min | 126 |

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.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

DOT PLACARD: None required

RELEASED: 02-01-2003