

### Description

Rapid Curing (RC) cutback asphalts are blends of asphalt and light petroleum solvents. RC cutbacks are typically used for prime coats, tack coats and surface treatments. The solvent lowers the viscosity of the asphalt cement so that it is easier to handle than the neat asphalt. Once applied the solvent evaporates off leaving the original asphalt binder.

### Specifications for RC-250 Cutback Asphalt

The specification conforms to AASHTO M81 and ASTM D2028.

| Property   |  | Test Procedure<br>(AASHTO) | Specification |      |
|--|--|----------------------------|---------------|------|
|  |  |                            | Min           | Max  |
| Kinematic Viscosity, 60°C (140°F), cSt             |  | T201                       | 250           | 500  |
| Water, %   |  | T55                        | —             | 0.2  |
| Flash Point, T.O.C., °C (°F)                       |  | T79                        | 27 (80)       | —    |
| Distillation % of Total Volume at                  | to 190°C (374°F)                       | T78                        | NS            | —    |
|  | to 225°C (437°F)                       |                            | 35            | —    |
|  | to 260°C (500°F)                       |                            | 60            | —    |
|  | to 315°C (600°F)                       |                            | 80            | —    |
| Distillation of Residue to 360°C (680°F), volume % |  | T78                        | 65            | —    |
| Tests on Residue from Distillation                 | Absolute Viscosity, 60°C (140°F), Pa·s | T202                       | 600           | 2400 |

### Handling

**FLAMMABLE LIQUID**—Keep away from all sources of ignition.

Do not mix heated material with water.

Inspect tankers and distributors for possible contaminants.

### Storage and Application

| Grade  | Recommended Maximum Storage Temperature, °F | Application Temperatures (°F) |                   |
|--------|---|-------------------------------|-------------------|
|        |   | Recommended Range             | Maximum Allowable |
| RC-250 | 180   | 125-180                       | 220               |

### Transport \*\*Hazardous Material\*\*

| Regulatory Information | UN Number | Proper Shipping Name           | Class | PG  | Label             |
|------------------------|-----------|--------------------------------|-------|-----|-------------------|
| USDOT (Non-bulk)       | 1999      | Tars, liquid (cutback asphalt) | 3     | III | Class 3 Flammable |
| USDOT Bulk             | 1999      | Tars, liquid (cutback asphalt) | 3     | III | Class 3 Flammable |