

1015.3.1 Type RC Liquid Asphalt. This material shall be produced by fluxing an asphaltic base with suitable petroleum distillates. The material shall show no separation or curdling prior to use and shall not foam when heated to the application temperature. The material shall conform to the requirements of Table I for the grade specified in the contract.

| TABLE I - Type RC Liquid Asphalt | | | | | | | | |
|---|-------|------|--------|------|--------|------|---------|------|
| Tests | RC-70 | | RC-250 | | RC-800 | | RC-3000 | |
| | Min | Max | Min | Max | Min | Max | Min | Max |
| Water, percent | ---- | 0.2 | ---- | 0.2 | ---- | 0.2 | ---- | 0.2 |
| Flash point (Tag open cup), degrees C | ---- | ---- | 27 | ---- | 27 | ---- | 27 | ---- |
| Viscosity, 60 C, centistokes | 70 | 140 | 250 | 500 | 800 | 1600 | 3000 | 6000 |
| Distillation test: | | | | | | | | |
| Distillate, percentage by volume of total distillate to 360 C: | | | | | | | | |
| to 190 C | 10 | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| to 225 C | 50 | ---- | 35 | ---- | 15 | ---- | ---- | ---- |
| to 260 C | 70 | ---- | 60 | ---- | 45 | ---- | 25 | ---- |
| to 315 C | 85 | ---- | 80 | ---- | 75 | ---- | 70 | ---- |
| Residue from distillation to 360 C, volume percentage of sample by difference | 55 | ---- | 65 | ---- | 75 | ---- | 80 | ---- |
| Tests on residue from distillation: | | | | | | | | |
| Penetration, 25 C 100 g, 5 sec | 80 | 120 | 80 | 120 | 80 | 120 | 80 | 120 |
| Ductility, 25 C 5 cm/min, cm | 100 | ---- | 100 | ---- | 100 | ---- | 100 | ---- |
| Solubility in trichloroethylene, percent | 99.0 | ---- | 99.0 | ---- | 99.0 | ---- | 99.0 | ---- |