



EMULSIONS

POLYMER MODIFIED EMULSION SPECIFICATION TABLE

| PROPERTIES | RS-1P | RS-2P | CRS-2P | CSS-1P | HF-150SP | HF-150MP | CQS-1HP | SS-1P | HP-200P |
|--|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|
| Tests on Emulsion | min-max | min-max | min-max | min-max | min-max | min-max | min-max | min-max | min-max |
| Viscosity, SF, 25°C, SFs | 20 – 100 | | | 20 – 100 | | | 20 – 100 | 20 – 60 | |
| Viscosity, SF, 50°C, SFs | | 75 – 300 | 75 – 400 | | 35 - 150 | 50 min | | | 100 - 250 |
| Sieve Test, #20, % | 0.2 max | 0.2 max | 0.2 max | 0.1 max | 0.1 max | 0.1 max | 0.1 max | 0.1 max | 0.1 max |
| Settlement, 5 days, % | | | | | | | 5 max | 5 max | 3 max |
| Storage Stability, 24h, % | 1 max | 1 max | 1 max | 1 max | 1.5 max | 1.5 max | | | |
| Demulsibility, 35ml CaCl ₂ 0.02N, % | 60 min | 60 min | | | | | | | |
| Demulsibility, 50ml CaCl ₂ 0.1N, % | | | | | 75 min | 75 min | | | |
| Demulsibility, 35ml DOSS 0.8%, % | | | 40 min | | | | | | |
| Cement Mixing Test, % | | | | | | | | 2 max | |
| Coating Test, % | | | | 80 min | Pass | Pass | | | |
| Residue by Distillation, 260°C, % | | | | | | | | | |
| Residue by Distillation, 204°C, % | 55 min | 60 min | 65 min | 57 min | 62 min | 62 min | 62 min | 55 min | 65 min |
| Oil Portion of Distillate (V/M), % | | | 3 max | | 0.5 - 4 | 1 - 6 | | | |
| Particle Charge | (-) | (-) | (+) | (+) | (-) | (-) | (+) | (-) or 0 | (-) |
| Tests on Residue | | | | | | | | | |
| Penetration, 25°C, dmm | 100 - 200 | 100 - 200 | 100 - 250 | 100 - 250 | 150 - 250 | 150 - 250 | 40 - 90 | 100 – 200 | 75 - 200 |
| Ash Content, % mass of res | 1 max | 1 max | 1 max | 0.8 max | 1 max | 1 max | 1 max | 1 max | 1 max |
| Force Ductility, 4°C | 0.5 min | 0.5 min | 0.5 min | | | | | | |
| Softening Point (R&B), °C | | | | | | | 57 min | | |
| Elastic Recovery, 10°C, % | 55 min | 55 min | 55 min | 55 min | 55 min | 55 min | | | 55 min |
| Float Test, 60°C, sec | | | | | 1200 min | 1200 min | | | |



McASPHALT INDUSTRIES LIMITED

8800 Sheppard Avenue East T 416.281.8181 TF 1.800.268.4238
 Toronto, ON M1B 5R4 F 416.281.8842 E info@mcasphalt.com

mcasphalt.com
 ISO 9001/14001/45001