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## PRODUCT SPECIFICATIONS

**PRODUCT:** EMULSIFIED ASPHALT

**GRADE:** RTE **PRODUCT CODE:** 13616

**DESCRIPTION:** A cationic quick setting polymer modified emulsion manufactured from hard base asphalt for use in micro-surfacing.

**MEETS SPECIFICATIONS:** Paramount Petroleum

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS <sup>1</sup>
Viscosity, Saybolt, 77°F, SFS	D244	T59	15-90	18
Storage Stability, 24 H, %	D244	T59	1 max	0.3
pH	E70	T200	6.7 max	3.2
Particle Charge Test	D244	E70	Positive	Pos.
Sieve Test, %	D244	T59	0.10 max	0.01
Density, 60°F, lbs/gallon	D244	T59		8.80
Residue by distillation, %	D244	T59	60 min	61
Tests on residue from distillation:				
Penetration, 77°F, 100g, 5s	D5	T49	40-75	43
Abs. Viscosity, 140°F, Poise	D2171	T202		4362
Ductility, 77°F, 5 cm/min, cm	D113	T51	60 min	100+
Viscosity, 275°F cst	D2170	T201	650 min	764
RTFO Viscosity, 275°F cst	D2170	T201		1604
Viscosity ratio, 275°F	D2170	T201	2.5 max	2.1
Softening point, °F	D36	T53	140 min	153
RTFO Softening point, °F	D36	T53	140 min	147

<sup>1</sup>Values shown as typicals may, at times, be superseded by results which are current at a particular time.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