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## PRODUCT SPECIFICATIONS

**PRODUCT:** ASPHALT CEMENT

**GRADE:** AC-5

**PRODUCT CODE:** 13411

**DESCRIPTION:** A vacuum steam refined straight run asphalt for use in hot mixes in cooler temperature climates under normal load conditions.

**MEETS SPECIFICATIONS:** ASTM D3381, Table 1  
AASHTO M226, Table 1

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS <sup>1</sup>
Original Asphalt:				
Abs. Viscosity, 140°F, Poise	D2171	T202	400-600	510
Kin. Viscosity, 275°F, cSt	D2170	T201	110 min	165
Penetration, 77°F, 100g, 5s	D5	T49	120 min	165
Flash Point, c.b.c., °F	D93	T48	350 min	545
Solubility in TCE, wt. %	D2042	T44	99.0 min	99.9
Specific Gravity, 77/77 °F	D70	T228		1.010
Specific Gravity, 60/60 °F	D70	T228		1.016
API Gravity, 60°F	D70	T228		7.8
Density, 60°F, Lbs/Gallon	D70	T228		8.46
Residue from R.T.F.O. Test:	D2872	T240		
Abs. Viscosity, 140°F, Poise	D2171	T202	2000 max	1020
Aging Index, 140°F	D2171	T202		2.0
Kin. Viscosity, 275°F, cSt	D2170	T201		225
Penetration, 77°F, 100g, 5s	D5	T49		92
% of Original Penetration	D5	T49		56
Penetration, 4°C, 200g, 60s	D5	T49		24
Ductility, 77°F, 5cm/min, cm	D113	T51	100 min	150+
Loss on Heating, wt. %	D2872	T240		0.6

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Values shown as typicals may, at times, be superseded by results which are current at a particular time.

**AVAILABILITY:** Readily available

**DOT SHIPPING NAME:** UN3257, Elevated temperature liquid, n.o.s., 9, III

**DOT PLACARD:** Hot, 3257

**RELEASED:** 02-01-2003