



14700 Downey Avenue
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: AR-4000

PRODUCT CODE: 13405

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

MEETS SPECIFICATIONS: ASTM D3381, Table 3
AASHTO M226, Table 3

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS ¹
Original Asphalt:				
Abs. Viscosity, 140°F, Poise	D2171	T202		1725
Kin. Viscosity, 275°F, cSt	D2170	T201		308
Penetration, 77°F, 100g, 5s	D5	T49		54
Flash Point, C.O.C., °F	D92	T48	440 min	600
Solubility in TCE, wt. %	D2042	T44	99.0 min	99.9
Specific Gravity, 77/77 °F	D70	T228		1.018
Specific Gravity, 60/60 °F	D70	T228		1.024
API Gravity, 60°F	D70	T228		6.7
Density, 60°F, Lbs/Gallon	D70	T228		8.53
Residue from R.T.F.O. Test:	D2872	T240		
Abs. Viscosity, 140°F, Poise	D2171	T202	3000-5000	4064
Aging Index, 140°F	D2171	T202		2.4
Kin. Viscosity, 275°F, cSt	D2170	T201	275 min	458
Penetration, 77°F, 100g, 5s	D5	T49	25 min	35
% of Original Penetration	D5	T49	45 min	65
Penetration, 4°C, 200g, 60s	D5	T49		12
Ductility, 77°F, 5cm/min, cm	D113	T51	75 min	150+
Loss on Heating, wt. %	D2872	T240		0.2

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.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

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