



14700 Downey Avenue
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: PG 64 - 16 **PRODUCT CODE:** 13223

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

MEETS SPECIFICATIONS: ASTM D6373
AASHTO M320

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS ¹
Original Asphalt:				
Dynamic Shear, 64°C, G*/sinδ, kPa	D7175	T315	1.00 min	1.1
Viscosity, Rotational, 135°C, Pa·s	D4402	T316	3 max	0.3
Flash Point, C.O.C., °C	D92	T48	230 min	305
Solubility in TCE, wt. %	D2042	T44	99 min	99.96
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
Residue from R.T.F.O. Oven Test:				
Dynamic Shear, 64°C, G*/sinδ, kPa	D2872	T240		
Dynamic Shear, 64°C, G*/sinδ, kPa	D7175	T315	2.20 min	2.4
Mass Loss, %	D2872	T240	1.00 max	0.2
Ductility, 25°C, 5 cm/min, cm	D113	T51	75 min	100+
Residue from P.A.V. Test @ 100°C:				
Dynamic Shear, 28°C, G*·sinδ, kPa	D6521	R28		
Dynamic Shear, 28°C, G*·sinδ, kPa	D7175	T315	5000 max	4300
Creep Stiffness, -6°C, S, MPa	D6648	T313	300 max	200
m-Value, -6°C	D6648	T313	0.300 min	0.350

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.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