



14700 Downey Avenue  
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**PRODUCT SPECIFICATIONS**

**PRODUCT:** ASPHALT CEMENT

**GRADE:** PG 70 - 16

**PRODUCT CODE:** 13235

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

**MEETS SPECIFICATIONS:** ASTM D6373  
 AASHTO M320  
 Arizona DOT

TESTS	ASTM METHOD	AASHTO METHOD	CALIF SPECS.	ARIZ SPECS.	TYPICAL ANALYSIS <sup>1</sup>
Original Asphalt:					
Dynamic Shear, 70°C, G*/sinδ, kPa	D7175	T315	1.00 min	1.00 min	1.10
Viscosity, Rotational, 135°C, Pa-s	D4402	T316	3 max	3 max	0.4
Flash Point, C.O.C., °C	D92	T48	230 min	230 min	257
Specific Gravity, 77/77°F	D70	T228			
Specific Gravity, 60/60°F	D70	T228			
API Gravity, 60°F	D70	T228			
Residue from R.T.F.O. Oven Test:					
Dynamic Shear, 70°C, G*/sinδ, kPa	D7175	T315	2.20 min	2.20 min	3.02
Mass Loss, %	D2872	T240	1.00 max	1.00 max	0.1
Residue from P.A.V. Test @ 100°C:					
Dynamic Shear, 31°C, G*·sinδ, kPa	D7175	T315	5000 max		
Creep Stiffness, -6°C, S, MPa	D6648	T313	300 max		
m-Value, -6°C	D6648	T313	0.300 min		
Residue from P.A.V. Test @ 110°C:					
Dynamic Shear, 31°C, G* sinδ, kPa	D7175	T315		5000 max	4894
Creep Stiffness, -6°C, S, MPa	D6648	T313		300 max	260
m-Value, -6°C	D6648	T313		0.300 min	0.303

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Values shown as typical may, at times, be superseded by results which are current at a particular time.

**AVAILABILITY:** Readily Available, Phoenix Terminal

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

**DOT PLACARD:** Hot, 3257

**RELEASED:** 02-01-2003