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## PRODUCT SPECIFICATIONS

**PRODUCT:** ASPHALT CEMENT

**GRADE:** PG 70 - 10

**PRODUCT CODE:** 13233

**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

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS <sup>1</sup>
Original Asphalt:				
Dynamic Shear, 70°C, G*/sinδ, kPa	D7175	T315	1.00 min	1.14
Viscosity, Rotational, 135°C, Pa·s	D4402	T316	3 max	0.4
Flash Point, C.O.C., °C	D92	T48	230 min	315
Solubility in TCE, wt. %	D2042	T44	99 min	99.96
Specific Gravity, 77/77°F	D70	T228		1.025
Specific Gravity, 60/60°F	D70	T228		1.031
API Gravity, 60°F	D70	T228		5.7
Residue from R.T.F.O. Oven Test:				
Dynamic Shear, 70°C, G*/sinδ, kPa	D7175	T315	2.20 min	2.76
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 @ 110°C:				
Dynamic Shear, 34°C, G*·sinδ, kPa	D7175	T315	5000 max	4300
Creep Stiffness, 0°C, S, MPa	D6648	T313	300 max	113
m-Value, 0°C	D6648	T313	0.300 min	0.350

<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Values shown as typicals may, at times, be superseded by results which are current at a particular time.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:** 11-15-2005