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**PRODUCT SPECIFICATIONS**

**PRODUCT:** ASPHALT CEMENT

**GRADE:** PG 64 - 28 TR+ **PRODUCT CODE:** 13701

**DESCRIPTION:** A vacuum steam refined straight run asphalt modified with ground tire rubber and polymer for use in hot mixes in moderate temperature climates under normal load conditions.

**MEETS SPECIFICATIONS:** Arizona DOT

TESTS	ASTM METHOD	AASHTO METHOD	TYPICAL SPECS.	ANALYSIS <sup>1</sup>
Original Asphalt:				
Dynamic Shear, 64°C, G*/sinδ, kPa	D7175	T315	1.00 min	1.2
Phase Angle, 64°C, degrees	D7175	T315	75 max	71
Viscosity, Rotational, 135°C, Pa-s	D4402	T316	3 max	0.6
Flash Point, C.O.C., °C	D92	T48	230 min	290
Ground Tire Rubber, %			9 min	10
Elastic Recovery, 25°C. %	D6084		55 min	80
Softening Point, °C	D36	T53	55 min	72
Solubility in Trichloroethylene, %	D2042	T44	97.5 min	98.0
Specific Gravity, 77/77°F	D70	T228		1.024
Specific Gravity, 60/60°F	D70	T228		1.030
API Gravity, 60°F	D70	T228		5.9
Residue from R.T.F.O. Oven Test:	D2872	T240		
Dynamic Shear, 64°C, G*/sinδ, kPa	D7175	T315	2.20 min	2.7
Mass Loss, %	D2872	T240	1.00 max	0.2
Residue from P.A.V. Test @ 100°C:	D6521	R28		
Dynamic Shear, 22°C, G*·sinδ, kPa	D7175	T315	5000 max	1827
Creep Stiffness, -18°C, S, MPa	D6648	T313	300 max	128
m-Value, -18°C	D6648	T313	0.300 min	0.322

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Values shown as typicals may, at times, be superseded by results which are current at a particular time.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