



14700 Downey Avenue
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: PG 76 - 22TR

PRODUCT CODE: 13713

DESCRIPTION: A tire rubber/SBS polymer modified asphalt cement for use in hot mixes in hot temperature climates or under heavier load conditions.

MEETS SPECIFICATIONS: Arizona DOT

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS ¹
Original Asphalt:				
Dynamic Shear, 76°C, G*/sinδ, kPa	D7175	T315	1.00 min	2.3
Phase Angle, 76°C, degrees	D7175	T315	75 max	63
Viscosity, Rotational, 135°C, Pa·s	D4402	T316	3 max	1.5
Flash Point, C.O.C., °C	D92	T48	230 min	300
Ground Tire Rubber, %			9 min	10
Elastic Recovery, 25°C, %	D6084		55 min	95
Solubility in Trichloroethylene, %	D2042	T44	97.5 min	98
Specific Gravity, 77/77°F	D70	T228		1.070
Specific Gravity, 60/60°F	D70	T228		1.076
API Gravity, 60°F	D70	T228		0.0
Residue from R.T.F.O. Oven Test:	D2872	T240		
Dynamic Shear, 76°C, G*/sinδ, kPa	D7175	T315	2.20 min	2.3
Mass Loss, %	D2872	T240	1.00 max	0.2
Residue from P.A.V. Test @ 110°C:	D6521	R28		
Dynamic Shear, 31°C, G* sinδ, kPa	D7175	T315	5000 max	1760
Creep Stiffness, -12°C, S, MPa	D6648	T313	300 max	170
m-Value, -12°C	D6648	T313	0.300 min	0.318

¹Values shown as typical may, at times, be superseded by results which are current at a particular time.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

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