



14700 Downey Avenue
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: PG 76 - 22 NV

PRODUCT CODE: 13123

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

MEETS SPECIFICATIONS: Nevada DOT

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS ¹
Original Asphalt:				
Dynamic Shear, 76°C, G*/sinδ, kPa		T315	1.30 min	2.1
Viscosity, Rotational, 135°C, Pa·s	D4402	T316	3.0 max	2.0
Flash Point, C.O.C., °C	D92	T48	230 min	300
Ductility, 4°C, 5cm/min, cm		Nev T746	20 min	24
Sieve Test		Nev T730	0	0
Polymer Content, % by mass			3.0 min	3.4
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, 76°C, G*/sinδ, kPa		T315	2.20 min	3.6
Ductility, 4°C, 5cm/min, cm		Nev T746	10 min	15
Mass Loss, %	D2872	T240	1.0 max	0.4
Residue from P.A.V. Test @ 110°C:				
Dynamic Shear, 31°C, G* sinδ, kPa		T315	5000 max	450
Creep Stiffness, -12°C, S, MPa	D6648	T313	300 max	53
m-Value, -12°C	D6648	T313	0.300 min	0.310

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.

AVAILABILITY: Special order

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

DOT PLACARD: Hot, 3257

RELEASED: 02-01-2003