



14700 Downey Avenue
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PRODUCT SPECIFICATIONS

PRODUCT: ASPHALT CEMENT

GRADE: PG 70 - 22

PRODUCT CODE: 13237

DESCRIPTION: A modified vacuum steam refined 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 ¹
Original Asphalt:					
Dynamic Shear, 70°C, G*/sinδ, kPa	D7175	T315	1.00 min	1.00 min	1.2
Viscosity, Rotational, 135°C, Pa-s	D4402	T316	3 max	3 max	0.8
Flash Point, C.O.C., °C	D92	T48	230 min	230 min	304
Specific Gravity, 77/77°F	D70	T228			1.005
Specific Gravity, 60/60°F	D70	T228			1.011
API Gravity, 60°F	D70	T228			8.5
Residue from R.T.F.O. Oven Test:					
Dynamic Shear, 70°C, G*/sinδ, kPa	D7175	T315	2.20 min	2.20 min	3.2
Mass Loss, %	D2872	T240	1.00 max	1.00 max	0.5
Residue from P.A.V. Test @ 100°C:					
Dynamic Shear, 28°C, G*·sinδ, kPa	D7175	T315	5000 max		924
Creep Stiffness, -12°C, S, MPa	D6648	T313	300 max		43
m-Value, -12°C	D6648	T313	0.300 min		0.368
Residue from P.A.V. Test @ 110°C:					
Dynamic Shear, 28°C, G* sinδ, kPa	D7175	T315		5000 max	1120
Creep Stiffness, -12°C, S, MPa	D6648	T313		300 max	100
m-Value, -12°C	D6648	T313		0.300 min	0.309

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.

AVAILABILITY: Special Order Only

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

DOT PLACARD: Hot, 3257

RELEASED: 02-01-2003