



a subsidiary of
ALON USA

14700 Downey Avenue
P.O. Box 1418
Paramount, CA 90723
(562) 531 2080

PRODUCT SPECIFICATIONS

PRODUCT: LIQUID ASPHALT

GRADE: SC-250

PRODUCT CODE: 360

DESCRIPTION: A steam refined asphalt cut back with diesel fuel. May be used in prime coats and cold laid plant mix paving techniques. Meets the requirements of SCAQMD Rule 1108.

MEETS SPECIFICATIONS: ASTM D2026
FEDERAL SS A-671C

TESTS	ASTM METHOD	AASHTO METHOD	SPECS.	TYPICAL ANALYSIS ¹
Kinematic Viscosity, 140°F, cSt	D2170	T201	250-500	390
Flash Point, C.O.C., °F	D92	T48	175 min	300
API Gravity, 60°F	D287			13.4
Density, 60°F, lbs/Gallon	D287			8.13
Water, vol. %	D95	T55	0.5 max	0.0
Solubility in trichloroethylene, %	D2047	T44	99.0 min	99.9
Distillation Test	D402	T78		
Total Distillate to 500°F, %	D402	T78	0.5 max	0
Total Distillate to 680°F, %	D402	T78	4-20	13
Viscosity of Residue, 140°F, St	D2170	T201	8-100	17
Asphalt Residue Test:	D243	T56		
Residue of 100 Penetration, %	D5	T49	60 min	68
Ductility of 100 Pen Res., cm	D113	T51	100 min	1500

¹Values shown as typicals may, at times, be superseded by results which are current at a particular time.

AVAILABILITY: Readily available by computerized truck blending
DOT SHIPPING NAME: Hot asphalt, cutback, 3, NA1999, III
DOT PLACARD: Class 3, Hot, 1999

RELEASED: 07-01-1994



a subsidiary of
ALON-USA

14700 Downey Avenue
P.O. Box 1418
Paramount, CA 90723
(562) 531-2060

PRODUCT: SC 250 Liquid Asphalt
CODE N°: 13360
DATE: October 21, 2009
TANK:

Purchaser: _____
Destination: _____
Transporter: _____
Truck N°: _____
Bill of Lading N°: _____
Contract N°: _____
Purchase Order N°: _____

Meets Specifications: ASTM D2026, Caltrans Section 93 AGC Greenbook Section 203-2.4(A).

CERTIFICATE OF COMPLIANCE

TESTS	ASTM N°	AASHTO N°	SPECIFICATION	RESULT
Kinematic Viscosity, 60°C (140°F), cSt	D2170	T201	250 500	341
Flash Point, C.O.C., °F	D92	T48	175 min	280
Solubility in Trichloroethylene, %	D2042	T44	99.0 min	99.9
API Gravity, 60°F	D287			13.4
Specific Gravity, 60°F	D287			0.9765
Water, Vol. %	D95	T55	0.5 max	0.0
Distillation Test:	D402	T78		
Total Distillate to 260°C (500°F), vol %	D402	T78	0.5 max	0
Total Distillate to 360°C (680°F), vol %	D402	T78	4 20	13
Viscosity of Residue, 60°C (140°F), St	D2170	T201	8 85	17
Solubility of Residue in Trichloroethylene, %	D2042	T44	99.5 min	99.9
Heptane Xylene Equivalent of Residue, %		I 102	35 max	25
Asphalt Residue Test:	D243	T56		
Residue of 100 Penetration, %	D243	T56	60 min	68
Ductility of 100 Pen. Residue, 25°C (77°F), cm	D113	T51	100 min	150+

Paramount Petroleum Corporation hereby certifies that the asphalt product accompanying this certificate was produced in accordance with an accepted certification program for suppliers of asphalt, and that the above test data is representative of this shipment.

Data Compiled By: _____
Asphalt Chemist

Released by: _____
Refinery Shift Supervisor