

RC-250 Product Data Sheet

Description and Physical Properties

Rapid Curing (RC) cutback asphalts are blends of asphalt and light petroleum solvents. RC cutbacks are typically used for prime coats, tack coats and surface treatments. The solvent lowers the viscosity of the asphalt cement so that it is easier to handle than the neat asphalt. Once applied the solvent evaporates off leaving the original asphalt binder.

Specifications for RC-250 Cutback Asphalt

The specification conforms to AASHTO M81, ASTM D2028 and the Virginia Department of Transportation.

Property		Test Procedure (AASHTO)	Specification	
			Min	Max
Kinematic Viscosity, 60°C (140°F), cSt		T201	250	500
Water, %		T55	—	0.2
Flash Point, T.O.C., °C (°F)		T79	27 (80)	—
Distillation % of Total Volume at	to 190°C (374°F)	T78	NS	—
	to 225°C (437°F)		35	—
	to 260°C (500°F)		60	—
	to 315°C (600°F)		80	—
Distillation of Residue to 360°C (680°F), volume %		T78	65	—
Tests on Residue from Distillation	Absolute Viscosity, 60°C (140°F), Pa·s	T202	60	240

Handling

FLAMMABLE LIQUID—Keep away from all sources of ignition.

Do not mix heated material with water.

Inspect tankers and distributors for possible contaminants.

Storage and Application

Grade	Recommended Maximum Storage Temperature, °F	Application Temperatures (°F)	
		Recommended Range	Maximum Allowable
RC-250	180	125-180	220

Transport

Hazardous Material

Regulatory Information	UN Number	Proper Shipping Name	Class	PG	Label
USDOT (Non-bulk)	1999	Tars, liquid (cutback asphalt)	3	III	Class 3 Flammable
USDOT Bulk	1999	Tars, liquid (cutback asphalt)	3	III	Class 3 Flammable



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Quality Emulsion for Every Application

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