

Manitoba

Infrastructure and Transportation

MATERIALS ENGINEERING BRANCH

Specification No: APL101-5

Effective DateCurrent: **June 2010**

Previous: n/a

Page 1 of 1

Materials Specification For: Cutback Asphalt - Slow Cure

PROPERTY	ASTM	Product			
		SC 70	SC 250	SC 800	SC 3000
Kinematic Viscosity @ 60°C (mm ² /s)	D2170	70 to 180	250 to 500	800 to 1,600	3,000 to 6,000
Flash Point, Cleveland Open Tag (°C)	D92	66 Min	79 Min	93 Min	107 Min
Solubility (% by mass)	D2042	99.0 Min	99.0 Min	99.0 Min	99.0 Min
Distillation Test: Total distillate to 360°C (% by volume)	D402	10 to 30	4 to 20	2 to 12	0 to 5
Tests on Residue from Distillation: Kinematic viscosity, 60°C (mm ² /s)	D2170	400 to 7,000	800 to 10,000	2,000 to 16,000	4,000 to 35,000
Delivery Temperature (°C)		35-55	55-75	75-95	85-105

General Requirements:

1. The asphalt shall not foam when heated to the application temperature range recommended by the Asphalt Institute.
2. The asphalt shall be uniform in character.

Approved:

Original signed by:

Said Kass, P. Eng.
Director, Materials Engineering Branch