



Materials Specification For: Cutback Asphalt - Medium Cure

PROPERTY	ASTM	Product				
		MC 30	MC 70	MC 250	MC 500	MC 800
Kinematic Viscosity @ 60°C (mm <sup>2</sup> /s)	D2170	30 to 60	70 to 140	250 to 500	500 to 1000	800 to 1600
Flash Point Open Tag* (°C)	D1310	38 Min	38 Min	65 Min	65 Min	65 Min
Distillation Test: to 225°C to 260°C to 316°C (% by volume of total distillate to 360°C)	D402	0 to 25 40 to 70 75 to 93	0 to 20 20 to 60 65-90	0 to 10 15 to 55 60 to 87	0 to 5 5 to 40 55 to 85	- 0 to 35 45 to 80
Residue from distillation to 360°C (% by volume)		50 Min	55 Min	67 Min	73 Min	75 Min
<b>Tests on Residue from Distillation</b>						
Penetration, 100 g, 5 s @ 25°C, dmm	D5	120 to 250	120 to 250	120 to 250	120 to 250	120 to 250
Ductility, @ 25°C, 50 mm/min, mm	D113	1000 Min	1000 Min	1000 Min	1000 Min	1000 Min
Solubility, (% by mass)	D2042	99.5 Min	99.5 Min	99.5 Min	99.5 Min	99.5 Min
Delivery Temperature (°C)		35-55	55-75	75-95	85-105	90-110
<p><b>General Requirement</b></p> <p>1.The asphalt shall not foam when heated to the application temperature range recommended by the Asphalt Institute.</p> <p>2.The asphalt shall be produced by the refining of petroleum and shall be uniform in character.</p>						

**NOTES:**

\* Flash Point by Cleveland Open Cup may be used for products having a flash point greater than 80°C.

<p><i>Original signed by:</i></p> <p>Approved: _____</p> <p style="text-align: center;">Said Kass, P. Eng. Director, Materials Engineering Branch</p>
---