

SECTION 817 CUT-BACK ASPHALTS

Cut-back asphalts shall conform to the requirements of AASHTO M 81 for rapid curing (RC) types and AASHTO M 82 for medium curing (MC) types.

In addition, medium curing (MC) types shall conform to the following requirements:

<i>Test</i>	<i>Minimum</i>	<i>Maximum</i>
Kinematic Viscosity at 140 °F (60 °C), m ² /s	0.0004	0.0008
Flash Point, Tag Open Cup, °F (°C)	66	---
Water, %	---	0.2
<i>Distillation Test</i>	<i>Minimum</i>	<i>Maximum</i>
Distillate, percentage by volume		
to 437 °F (225 °C)	0	7
to 500 °F (260 °C)	10	45
to 600 °F (315 °C)	55	85
Residue from Distillation to 680°F (360 °C), volume percentage of sample by difference	70	---
<i>Tests on Residue</i>	<i>Minimum</i>	<i>Maximum</i>
Absolute Viscosity at 140 °F (60 °C), Pa ^s	30	120
Ductility 5 cm/min. at 77°F (25 °C), cm	100	---
Solubility, %	99	---