

Table 1 (continued)
Acronyms

Acronym	Definition
MS	medium-setting
PCE	prime, cure, and erosion control
PG	performance grade
RC	rapid-curing
RS	rapid-setting
S-suffix	stockpile usage
SCM	special cutback material
SS	slow-setting

- A. Asphalt Cement.** Asphalt cement must be homogeneous, water-free, and nonfoaming when heated to 347°F, and must meet Table 2 requirements.

Table 2
Asphalt Cement

Property	Test Procedure	Viscosity Grade				
		AC-0.6 Min;Max	AC-1.5 Min;Max	AC-3 Min;Max	AC-5 Min;Max	AC-10 Min;Max
Viscosity 140°F, poise	T 202	40 : 80	100 : 200	250 : 350	400 : 600	800 : 1,200
275°F, poise		0.4 : -	0.7 : -	1.1 : -	1.4 : -	1.9 : -
Penetration, 77°F, 100g, 5 sec.	T 49	350 : -	250 : -	210 : -	135 : -	85 : -
Flash point, C.O.C., °F	T 48	425 : -	425 : -	425 : -	425 : -	450 : -
Solubility in trichloroethylene, %	T 44	99.0 : -	99.0 : -	99.0 : -	99.0 : -	99.0 : -
Spot test	Tex-509-C	Neg.	Neg.	Neg.	Neg.	Neg.
Tests on residue from Thin-Film Oven Test:						
Viscosity, 140°F, poise	T 179					
Ductility ¹ , 77°F	T 202	- : 180	- : 450	- : 900	- : 1,500	- : 3,000
5 cm/min., cm	T 51	100 : -	100 : -	100 : -	100 : -	100 : -

1. If AC-0.6 or AC-1.5 ductility at 77°F is less than 100 cm, material is acceptable if ductility at 60°F is more than 100 cm.

- B. Polymer-Modified Asphalt Cement.** Polymer-modified asphalt cement must be smooth and homogeneous, and comply with the requirements of Table 3. If requested, supply samples of the base asphalt cement and polymer additives.