

Requirement for Asphalt cement ASTM D946
 Product Specifications **Bitumen 85-100**

Analysis	Unit	Limit	Test Method
Density @ 25°C	kg/m ³	1010-1050	ASTM D70 or D3289
Penetration @ 25°C	mm/10	85-100	ASTM D5
Softening point	°C	42 min	ASTM D36
Ductility @ 25°C	cm	100 min	ASTM D113
Loss on heating	wt%	0.5 max	ASTM D6
Drop in penetration after heating	%	20 max	ASTM D5
Flash point	°C	230 min	ASTM D92
Solubility in Trichloroethylene	wt%	99.0 min	ASTM D2042
Spot test	----	Negative	AASHTO T102
Dynamic Viscosity @ 60°C	Pa.S	100±20	ASTM D2171
Kinematic Viscosity @ 135°C	cSt	250 min	ASTM D2170
Wax Content	%	2 max	DIN EN 12606-1

Tests on residue from thin film oven Test (ASTM D1754)

Retained Penetration after (T.F.O.T), %	%	47 min	ASTM D5
Ductility, (25°C), 5cm/min, cm after TFOT	cm	75 min	ASTM D113
Viscosity @ 60°C	Pa.S	500 max	ASTM D2171