

Requirement for Asphalt cement ASTM D946  
 Product Specifications **Bitumen 60-70**

Analysis	Unit	Limit	Test Method
Density @ 25°C	kg/m <sup>3</sup>	1010-1060	ASTM D70 or D3289
Penetration @ 25°C	mm/10	60-70	ASTM D5
Softening point	°C	46 min	ASTM D36
Ductility @ 25°C	cm	100 min	ASTM D113
Loss on heating	wt%	0.2 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
<b>Dynamic</b> Viscosity @ 60°C	Pa.S	200±40	ASTM D2171
<b>Kinematic</b> Viscosity @ 135°C	cSt	300 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), %	%	52 min	ASTM D5
Ductility, (25°C), 5cm/min, cm after TFOT	cm	50 min	ASTM D113
Viscosity @ 60°C	Pa.S	1000 max	ASTM D2171