

Bitumen

Typical Specifications

Date: 2011-03-04

Page: 1

Property	Test Method	60/70	85/100
Code No.	—	01030	01038
Specific Gravity @25/25 C	ASTM D-70	-	1.01 – 1.05
Penetration @25 C	ASTM D-5	60/70	85/100
Softening point C	ASTM D-36	49/56	45/52
Ductility @25 C	ASTM D-113	100 min	100 min
Loss on heating (wt)%	ASTM D-6	0.2 max	0.5 max
Drop in penetration after heating %	ASTM D-6 , D-5	20 max	20 max
Flash point C	ASTM D-92	250 min	232 min
Solubility in CS ₂ (wt)%	ASTM D-4	99.5 min	99.5 min
Organic matter insoluble in CS ₂ (wt)%	ASTM D-4	-	0.2 max
Spot test	A.A.S.H.O.T.102	Negative	Negative

Bitumen

Typical Specifications

Date: 2011-03-04

Page: 2

Property	Test Method	MC-250
Code No.	—	01044
Kinematic Viscosity @60 C	ASTM D-2170	250 - 500
Flash Point (tag-open cup) C	ASTM D-3143	66 min
Distillation Test	ASTM D- 402	
<i>Distillate , vol% of total distillate to 360 C</i>		
	To 225 C	10% max
	To 260 C	15 - 55 % max
	To 316 C	60 -87 % max
<i>Residue from distillation</i>		
	To 360 C	67% min
<i>Test on residue from distillation</i>		
Ductility @25 c	ASTM D- 113	Cms. 100 min
Penetration @ 25 C	ASTM D- 5	120 / 250
Solubility in trichloroethylene	ASTM D- 2042	0.99 Wt% min
Water Content	ASTM D- 95	0.2 Vol% max