



PENETRATION GRADE BITUMEN 30/40		
Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.01/1.06	D-70
Penetration @ 25°C	30/40	D-5
Softening Point°C	55/63	D-36
Ductility @25°C	100 min	D-113
Loss on Heating (wt)%	0.2 max	D-6
Drop in Penetration after Heating%	20 max	D-6 & D-5
Flash Point°C	250 min	D-92
Solubility in CS2(wt)%	99.5 min	D-4
Organic Matter Insoluble in CS2(wt)%	-	D-4
Spot test	Negative *A.A.S.H.O.T.102	

PENETRATION GRADE BITUMEN 40/50		
Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.01/1.06	D-70
Penetration @ 25°C	40.5	D-5
Softening Point°C	52/60	D-36
Ductility @25°C	100 min	D-113
Loss on Heating (wt)%	0.2 max	D-6
Drop in Penetration after Heating%	20 max	D-6 & D-5
Flash Point°C	250 min	D-92
Solubility in CS2(wt)%	99.5 max	D-4
Spot test	Negative *A.A.S.H.O.T.102	

PENETRATION GRADE BITUMEN 85/100 |

Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.00/1.05	D-70
Penetration @ 25°C	85/100	D-5
Softening Point°C	45/52	D-36
Ductility @25°C	100 min	D-113
Loss on Heating (wt)%	0.5 max	D-6
Drop in Penetration after Heating%	20 max	D-6 & D-5
Flash Point°C	225 min	D-92
Solubility in CS2(wt)%	99.5 max	D-4
Organic Matter Insoluble in CS2(wt)%	0.2 max	D-4
Spot test	Negative	*A.A.S.H.O.T.102

PENETRATION GRADE BITUMEN 100/120 |

Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.01-1.04	D-70
Penetration @ 25°C	100/120	D-5
Softening Point°C	42/49	D-36
Ductility @25°C	100 min	D-113
Loss on Heating (wt)%	0.2 max	D-6
Drop in Penetration after Heating%	20 max	D-6 & D-5
Flash Point°C	250	D-92
Solubility in CS2(wt)%	99.5 min	D-4
Organic Matter Insoluble in CS2(wt)%	0.2 max	D-4
Spot test	Negative	*A.A.S.H.O.T.102

PENETRATION GRADE BITUMEN 60/70

Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.01/1.06	D-70
Penetration @ 25°C	60/70	D-5
Softening Point°C	49/56	D-36
Ductility @25°C	100 min	D-113
Loss on Heating (wt)%	0.2 max	D-6
Drop in Penetration after Heating%	20 max	D-6 & D-5
Flash Point°C	250 min	D-92
Solubility in CS2(wt)%	99.5 min	D-4
Spot test	Negative	*A.A.S.H.O.T.102

BLOWN BITUMEN R90/15

Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.05 approx	D-70
Penetration @ 25°C	Oct-20	D-5
Softening Point°C	85/95	D-36
Ductility @25°C	1.5 min	D-113
Loss on Heating (wt)%	0.2 max	D-6
Flash Point°C	225 max	D-92
Solubility in CS2(wt)%	99 min	D-4

BLOWN BITUMEN R85/25

Property	Value	Test Standard
Specific Gravity @ 25/25°C	1.05 approx	D-70
Penetration @ 25°C	20/30	D-5
Softening Point°C	80/90	D-36
Ductility @25°C	3 min	D-113
Loss on Heating (wt)%	0.2 max	D-6
Flash Point°C	225 max	D-92
Solubility in CS2(wt)%	99 min	D-4

CUTBACK BITUMEN MC-250

Property	Value	Test Standard
Kin.vis.@60°C	Cst. 250-500	D - 2170
Flash point(Tag open – cup)°C	66 min	D - 3143
Distillation test		D - 402
Distillate, Vol%of total distillate to 360°C		
to 225°C	(vol)% 10max	
to 260°C	(vol)% 15-55	
to 316°C	(vol)% 60-87	
Residue from distillation		
To 360°C	(vol)% 67 min	
Ductility@25°C	Cms. 100 min	D - 113
Penetration@25°C	120-250	D – 5
Solubility in trichloroethylen	(wt)% 99.0 min	D - 2042
Water content	(vol)% 0.2 max	D - 95



MC 30

Application Rate From 0,6 litre per m² to 1,2 litre/m²

Spraying/Application Temperature 60 - 80°C

Appearance Black
MIN MAX

Kinematic Viscosity 60°C, cSt 70 140

Distillation @
101,325 kPa

Distillate, % by Vol.
of Total Distillate to 360°C
MIN MAX

to 190°C - -
to 225°C 10 50
to 260°C 40 80
to 316°C 80 95
MIN MAX

Residue from
Distillation to 360°C,
% Vol. 55 -

of Original Sample
MIN MAX

Penetration at 25°C
on Residue from
Distillation 90 180