

## Oxidized Bitumen:

Index	Standard	Oxidized Bitumen Grade					
		75/30	85/25	85/40	95/25	105/35	115/15
Softening Point Temperature (°C)	ASTM D36	75±5	85±5	85±5	95±5	105±5	115±5
Penetration at 25 C (dmm)	ASTM D5	30±5	25±5	40±5	25±5	35±5	15±5
Thermal Loss Percentage	ASTM D1754	0.2	0.2	0.5	0.2	0.5	0.5
Solubility in trichloroethylene	ASTM D2042	99.5	99.5	99.5	99.5	99.5	99.5

## Penetration Grade:

Test	Method	30-40	40-50	60-70	85-100	100-120
Density	ASTM D-7	1/01-1/06	1/01-1/06	1/01-1/06	1/01-1/05	1/01-1/04
Penetration Rate at 25°C, 10/mm	ASTM D-5	30-40	40-50	60-70	85-100	100-120
Softening Point °C	ASTM D-36	55-63	52-60	49-56	45-52	42-49
Ductility at 25 °C (cm)-min	ASTM D-113	100	100	100	100	100
Flash Point °C-min	ASTM D-92	250	250	250	225	250
Solubility in Disulfide %wt-min	ASTM D-4	99.5	99.5	99.5	99.5	99.5
Stain Test	AASHTO T 102	Negative	Negative	Negative	Negative	Negative
Weight Loss by Heating %wt-max	ASTM D-6	0.2	0.2	0.2	0.2	0.2
Penetration Loss by Heating %-max	ASTM D-6-D-5	20	20	20	20	20
Penetration Loss by Heating %-max	ASTM D-6-D-5	20	20	20	20	20

**Aydin Cure**

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