



# BITUMEN

OXIDIZED BITUMEN  
GRADE 115/15 TDS

Oxidized Bitumen Analysis				
No	Specification	Unit	RESULT	Test Method
1	Specific Gravity	@25 °C	1.05 Approx.	D-70
2	Penetration	@25 °C	10/20	D-5
3	Softening Point	°C	110/120	D-36
4	Ductility	@25 °C	1.5 Min	D-113
5	Loss of Heating	WT %	0.2 Max	D-6
6	Flash Point	°C	260 Min	D-92
7	Solubility in CS2	WT %	99 Min	D-4

**Notes:**

Oxidized bitumen is a peculiar amorphous material, which is generally in liquid form when discharged by oxidation plants at the temperature ranging from 240 °C to 300 °C, and become solid or pasty at ambient temperature.

While being relatively hot, it is viscous, whereas when in pasty or solid state it possesses a fair degree of elasticity.

Both in liquid and plastic or solid form oxidized bitumen is a highly insulating material in good adhesion properties with respect to almost any solid material.

Oxidized bitumen also known as blown asphalt, hard bitumen, hard asphalt and blown bitumen.



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