

Specifications Datasheet - Penetration Bitumen Grade 80/100 & 85/100

Property / Unit		Specification	Test method	
Density, 25 ⁰ C, 100 gr, 5 S, (1/10mm)		80-100/85-100	ASTM D5	
Ductility, 25 ⁰ C, (mm/10)		>100	ASTM D113	
Softening point (⁰ C)		42-52 / 45-52	ASTM D36	
Loss On Heatng (163 ⁰ C-5H) (wt%)		>0.5 Max	ASTM D6	
Drop in penetration After Heating %		20 Max	ASTM D6805	
Loss of Weight (%)		<0.8	ASTM D1754	
After Thin Film	Retained Penetration(%)	>50	ASTM D5	
Oven Test	Ductility	25 ⁰ C	>100	ASTM D113
(163 ⁰ C, 5H)		15 ⁰ C	>100	ASTM D92
Flash Point (⁰ C)		230 ⁰ C	ASTM D4	
Bitumen Content (wt%)		>99.5	ASTM D2042	
Solubility in T.C.E (wt%)		>99	ASTM D4	
Density, 25 ⁰ C (kg/m2)		>1.000/1.050	ASTM D71 or 3289	
Temperature (⁰ C)		Max 90-100 above the soft		

