

PENETRATION GRADE BITUMEN (SABS 4001 BT1)

PROPERTY	* 10/20	* 15/25	35/50	50/70	70/100	* 150/200	Test method
1) Penetration at 25°C/100g/5s/1/10mm	10-20	15-25	35-50	50-70	70-100	150-200	EN 1426
2) Softening point (R&B), °C	58-78	55-71	49-59	46-56	42-51	36-43	ASTM D36
3) Viscosity at 60°C, Pa.s, Min.	700	550	220	120	75	30	ASTM D 4402
4) Viscosity at 135°C, mPa.s	≥ 750	≥ 650	270-700	220-500	150-400	120-300	ASTM D 4402
5) Flash point, °C, Min.	245	235	240	230	230	220	ASTM D 92
6) Performance when subjected to the rolling thin film oven test :							ASTM D 2872
a) Mass change, % (by mass fraction), Max.	-	0,5	0,3	0,3	0,3	0,3	ASTM D 2872
b) Viscosity at 60°C, % of original, Max.	-	-	300	300	300	300	ASTM D 4402
c) Softening point (R&B), °C Min.	-	57	52	48	44	37	ASTM D 36
d) Increase in softening point, °C, Max.	10	8	7	7	7	7	ASTM D 36
e) Retained penetration, % of original, Min.	-	55	60	55	50	50	EN 1426
7) Spot test, % xylene, Max.	-	-	30	30	30	30	AASHTO T 102
8) Typical density at various temperatures, kg/litre :							
25°C	-	-	1,031	1,030	1,029	1,026	ASTM D 3142 / D 3142 M-11
135°C	-	-	0,956	0,954	0,953	0,950	ASTM D 3142 / D 3142 M-11
160°C	-	-	0,939	0,937	0,936	0,933	ASTM D 3142 / D 3142 M-11
175°C	-	-	0,928	0,927	0,926	0,923	ASTM D 3142 / D 3142 M-11
9) Uses	Premix Applications				Spray and chip		<ul style="list-style-type: none"> - No data available • Not Readily available special
10) Cleaning and handling	Refer Safety Data Sheet						

NOTE : This data is issued as a guide to the use of the product(s) concerned and whilst every effort is made to ensure the accuracy of the text which is in accordance with the latest technical developments, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or condition of site involved. In view of the constant research and development being undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale which are available on demand.

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