

## SBS MODIFIED BITUMEN / PG 76-10 TECHNICAL DATASHEET

Temperature: 25.0 °c		Humidity: 27 %		
TEST	RESULT	STANDARD RANGE		TESTS METHOD
		MIN	MAX	
<b>Binder</b>				
Penetration @ 25 <sup>0</sup> C, 100gr, 5s, 0.1 mm	47	40	70	ASTM D5
Elastic Recovery @ 25 <sup>0</sup> C, IOCM Elongation (%)	97	80	-	ASTM D6084
Softening point, °c	83	70	-	ASTM D36
Separation Difference in Softening Point R&B, °c	2.3	-	3	ASTM D7173
Ductility @ 25 <sup>0</sup> C	59	25	-	ASTM DI 13
Dynamic Viscosity at 135 <sup>0</sup> C (Brookfield Viscomeler), Pa.s	1.4	-	3	ASTM D4402
Penetration Index	3.9	2.25	5.25	ASTM D5 / D36
Solubility in TCE (0/0)	99.74	99	-	ASTM D2042
Flash Point Temp. °c	338	245	-	ASTM D92
Orig. Dynamic Shear @ 76 <sup>0</sup> C / Kpa	1.41	1	-	ASTM D7175
<b>RTFO (D2872)</b>				
Penetration of Residue (%)	75	65	-	ASTM D5
Ductility @ 25 <sup>0</sup> C	51	15	-	ASTM DI 13
Difference in Softening Point, °c	-7	-10	5	ASTM D36
RTFO Percent Change Of Mass	0.01	-	0.5	ASTM D1754
RTFO Dynamic shear @ 76 <sup>0</sup> C / Kpa	2.47	2.2	-	ASTM D7175
<b>PAV (D6521)</b>				
PAV - Dynamic Shear @ 37 <sup>0</sup> C / Kpa	264	-	5000	ASTM D7175
PAV Creep Stiffness @ 0 <sup>0</sup> C / Mpa	28.26	-	300	ASTM D6648
m-Value @ 0 <sup>0</sup> C / M a	0.352	0.3	-	ASTM D6648