



Bitumen PG 58-.....											Test Method	Unit	Test
PG - 64						PG - 58					ASTM D3767 INSO 12505-3	-	Degree of performance
-40	-34	-28	-22	-16	-10	-40	-34	-28	-22	-16			
64>						58>					-	°C	Highest Pavement Temperature (The average 7 days)
-40<	-34<	-28<	-22<	-16<	-10<	-40<	-34<	-28<	-22<	-16<	-	°C	Lowest Pavement Temperature
Bitumen before aging													
											INSO 198	min 230 °C	Flash point
											ASTM D4402 INSO 15434	@ 135°C, max 3 Pa.S	Rotational viscosity (RV)
64						58					ASTM D7175 INSO 15433	Test temperature. (°C)	Dynamic Shear Rheometer (DSR)
												G*/sinδ . min 1 KPa	
Rolling Thin-Film Oven Test(RTFOT)													
											ASTM D7175 INSO 11898	max 1%	Weight change
64						58					ASTM D7175 INSO 15433	Test temperature. (°C)	Dynamic Shear Rheometer (DSR)
												G*/sinδ . min 2.2 KPa	
Pressurized Aging Vessel (PAV)													
100											ASTM D6521 INSO 15431	(°C)	Aging temperature
16	19	22	25	28	31	13	16	19	22	25	ASTM D7175 INSO 15433	Test temperature. (°C)	Dynamic Shear Rheometer (DSR)
												G*.sinδ .max 5000 KPa	
-30	-24	-18	-12	-6	0	-30	-24	-18	-12	-6	ASTM D6648 INSO 15432	Test temperature. (°C)	Bending Beam Rheometer (BBR)
												S @ 60 s, max 300 MPa	
											m min (0.3)		

