



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

