



Bitumen PG 70-xx													Test Method		Degree of performance	
PG - 76					PG - 70						-	Highest Pavement Temperature (The average 7 days) °C				
-34	-28	-22	-16	-10	-40	-34	-28	-22	-16	-10		Lowest Pavement Temperature °C				
76>					70>						-					
-34<	-28<	-22<	-16<	-10<	-40<	-34<	-28<	-22<	-16<	-10<	-					
Bitumen before aging																
Min 230										INSO 198	Flash point °C					
max 3										ASTM D4402	Rotational viscosity (RV) @ 135°C Pa.S					
76					70						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 / (max 1%) . %					
76					70						ASTM D7175	Test temperature. °C	Dynamic Shear Rheometer (DSR) (min 2.2 KPa) KPa			
min 2.2												G* / sinδ . KPa				
Pressurized Aging Vessel (PAV)																
(110)100										ASTM D6521	Aging temperature °C					
25	28	31	34	37	19	22	25	28	31	34	ASTM D7175	Test temperature. °C	Dynamic Shear Rheometer (DSR) KPa			
max 5000										G* . sinδ . KPa						
-24	-18	-12	-6	0	-30	-24	-18	-12	-6	0	ASTM D6648	Test temperature. °C	Bending Beam Rheometer ( BBR )@ 60 s MPa			
max 300										S						
min (0.3)										m						

