

Palayesh-e Hesar Mehran Co.

Brand: Hesar Mehran



Bitumen PG 70 -.....											Test Method	Unit	Test
PG - 76					PG - 70						ASTM D6373 INSO 12505-3	-	Degree of performance
-34	-28	-22	-16	-10	-40	-34	-28	-22	-16	-10			
76>					70>						-	°C	Highest Pavement Temperature (The average 7 days)
-34<	-28<	-22<	-16<	-10<	-40<	-34<	-28<	-22<	-16<	-10<	-	°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)
76					70						ASTM D7175 INSO 15433	Test temperature. (°C) G*/sin§ . min 1 KPa	Dynamic Shear Rheometer (DSR)
Rolling Thin-Film Oven Test (RTFOT)													
											ASTM D7175 INSO 11898	max 1%	Weight change
76					70						ASTM D7175 INSO 15433	Test temperature. (°C) G*/sin§ . KPa	Dynamic Shear Rheometer (DSR)
Pressurized Aging Vessel (PAV)													
(110)100											ASTM D6521 INSO 15431	(°C)	Aging temperature. (°C)
25	28	31	34	37	19	22	25	28	31	34	ASTM D7175 INSO 15433	Test temperature. (°C) sin§ .max 5000 KPa	Dynamic Shear Rheometer (DSR)
-24	-18	-12	-6	0	-30	-24	-18	-12	-6	0	ASTM D6648 INSO 15432	Test temperature. (°C) S @ 60 s, max 300 MPa m min (0.3)	Bending Beam Rheometer (BBR)@ 60 s



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