

# Palayesh-e Hesar Mehran Co.

Bitumen PG 58-22



No	Test	Unit	Test temperature °C	Acceptable range		Test / Metod	
				Max	Min	ASTM	AASHTO
The average 7 days of pavement design (oC)				58	-22		
<b>Bitumen before aging</b>							
1	Rotational viscosity( RV)	Pa.s	-	3	-	D4402	T316
2	Flash point	°C	135	-	230	D92	T48
3	( Dynamic Shear Rheometer)/ DSR	KPa	58	-	1	D7175	T315
<b>(Rolling Thin-Film Oven Test) / RTFOT</b>							
34	Weight loss	%	163	1	-	D2872	T240
5	( Dynamic Shear Rheometer)/ DSR	KPa	58	-	2.2	D7175	T315
<b>( Pressurized Aging Vessl) / PAV / ASTM D6521</b>							
Aging temperature		°C	100				
6	( Dynamic Shear Rheometer)/ DSR	KPa	22	5000	-	D7175	T315
7	( Bending Beam Rheometer) /BBR /S	MPa	-12	300	-	D6648	T313
8	( Bending Beam Rheometer) /BBR /m	-	-12	-	0.3	D6648	T313



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