

مشخصات فنی قیر PG 52

Performance Grade Bitumen PG 52

Item	Value						
Performance Grade:	PG 52						
	10	16	22				
Average 7 day maximum pavement design temperature °C:	<52						
Minimum pavement design temperature °C:	>10	>16	>22				
Original Binder							
Flash point temp, T48, Minimum °C:	230						
Viscosity, T316, maximum 3pas, test temp °C:	135						
Dynamic shear, T 315, G/sin minimum 1.00 kPa, test temp @ 10 rad/s °C:	52						
Rolling Thin Film Oven Residue (T240)							
Mass change maximum percent:	1.00						
Dynamic shear, T 315, G/sin Maximum 2.20 kPa, test temp @ 10 rad/s, °C:	52						
Pressure Aging Vessel (R 28)							
PAV aging temperature °C:	90						
Dynamic shear, T 315: G/sin maximum 5000 kPa, test temp @ 10 rad/s, °C:	25	22	19				
Creep stiffness, T 313: S, maximum 300 Mpa m-value, minimum 0.300, test temp @ 60s, °C:	0	-6	-12				
Direct tension, T314: failure strain, minimum 0.300 test temp @ 60s, °C:	0	-6	-12				
Critical low cracking temp, PP 42: critical cracking temp determined by PP 42, test temp, °C:	0	-6	-12				

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