


PG 70 - 16 - TECHNICAL DATASHEET

- 185KG Steel Drum
- 1MT Framed Palletized Jumbo Bag

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ENVIRONMENT CONDITIONS

Temperature: 25.0 C	Humidity: 12%	
BINDER PROPERTY	PG 70	TEST METHOD
	-16	
Average 7-day Maximum Pavement Design Temperature, °C	<70	-
Minimum Pavement Design Temperature, °C	> -16	-
Original Binder		
Flash Point Temperature Minimum °C	230	ASTM D92
Viscosity Maximum 3 Pa.s, Test Temperature, °C	135	ASTM D4402
Dynamic Shear G*/Sin Minimum 1 KPa Test Temperature, °C, @ 10 rad/s °C	70	ASTM D7175
Rolling Thin Film Oven Test		
Change of Mass Maximum Percent	1	ASTM D2872
Dynamic Shear G*/Sin Minimum 2.2 KPa Test Temperature, @ 10 rad/s °C	70	ASTM D7175
Pressure Aging Vessel		
PAV Aging Temperature, °C	100(110)	-
Dynamic Shear G*/Sin Maximum 5000 KPa Test Temperature, @ 10 rad/s °C	31	ASTM D7175
BBR-Creep Stiffness S-Value Maximum 300 MPa	-6	ASTM D6648
BBR-M-Value Minimum 0.300 Test Temperature	-6	ASTM D6648