

## Bitumen PG 46-22

SPECIFICATION	UNIT	VALUE	METHOD
Maximum Pavement Design Temp.	Degree Celsius (°C)	46	ASTM D6373
Maximum Pavement Design Temp.	Degree Celsius (°C)	- 34	ASTM D6373
Flash Point (Cleveland Open Cup)	Degree Celsius (°C)	230 min	ASTM D92
Rotational Viscosity, 135°C	Pascal Second (Pa.s)	3 max	ASTM D4402
Dynamic Shear, 70°C	Degree Celsius (°C)	46 min	ASTM D6373
Mass Loss	Weight Percentage (WT %)	1 max	ASTM D6
Creep Stiffness	Degree Celsius (°C)	-24	ASTM D6648
Direct Tension	Degree Celsius (°C)	-24	ASTM D6723
Absolute Viscosity, 60°C	Poise (P)	295	ASTM D4402
Penetration, 25°C	1/10 Millimetres (mm)	300	ASTM D5
Specific Gravity	Kilogram per Cubic Meter (kg/m <sup>3</sup> )	1.026 min	ASTM D70
<b>APPLICATION TEMPERATURE</b>			
APPLICATION	UNIT	RECOMMENDED TEMPERATURE	
Storage Temperature	Degree Celsius (°C)	50-163	
Spraying Temperature	Degree Celsius (°C)	177 max	