

PERFORMANCE GRADE BITUMEN PG 70E-22



AASHTO M332-23

CHARACTERISTICS	TEST METHOD	UNIT	SPECIFICATION
Original Binder			
Flash point	AASHTO T48	°C	>230
Viscosity @ 135 °C	AASHTO T316	Pa.s	<3.0
Dynamic Shear, $G^*/\sin \delta$ @ 70°C 10 rad/s	AASHTO T315	kPa	>1.0
Rolling thin Film Oven (RTFOT Residue)			
Mass Change	AASHTO T240	%	<1.0
Dynamic Shear, $G^*/\sin \delta$ @ 70°C 10 rad/s	AASHTO T315	kPa	>2.2
MSCR Extremely Heavy Traffic, "E" $J_{nr3,2}$ @ 70°C	AASHTO T350	kPa ⁻¹	0.5
Pressure Aging Vessel (PAV) Residue (RTFOT + PAV) (20h, 2.1 Mpa), 100 °C			
Dynamic Shear, $G^* \sin \delta$ @ 28°C 10 rad/s	AASHTO T315	kPa	<6000
BBR S @ 60 s, -12°C	AASHTO T313	MPa	<300
BBR m-value @ 60 s, -12°C	AASHTO T313	MPa	>0.300



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PRODUCT DATA SHEET