

**Product Name: Bitumen Performance Grade (PG)****CAS No.:** 8052-42-4**HS Code:** 27132000

Technical Properties – PG 64-22

Property	Test Method	Unit	Specification Limits
Flash Point (Cleveland Open Cup)	AASHTO T48	°C	≥ 230
Viscosity @ 135°C	ASTM D4402	cP	≤ 3000
Dynamic Shear, $G^*/\sin\delta$ (Original Binder)	AASHTO T315	kPa	≥ 1.00 (at 64°C)
Dynamic Shear, $G^*/\sin\delta$ (RTFO Aged)	AASHTO T315	kPa	≥ 2.20 (at 64°C)
Dynamic Shear, $G^*\sin\delta$ (PAV Aged Binder)	AASHTO T315	kPa	≤ 5000 (at 25°C)
Creep Stiffness, S (Bending Beam Rheometer)	AASHTO T313	MPa	≤ 300 (at -12°C)
m-value (Slope of stiffness vs. time)	AASHTO T313	–	≥ 0.300
Mass Loss (RTFO)	AASHTO T240	%	≤ 1.00
Solubility in Trichloroethylene	ASTM D2042	%	≥ 99.0

Available PG Grades

- PG 58-22
- PG 64-22
- PG 70-10
- PG 76-16
- PG 82-22
- Other grades upon request (climate-specific)