



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

**TECHNICAL DATASHEET OF  
PERFORMANCE GRADE BITUMEN PG 64-22**

**DEFINITION:** Paving grade bitumen that complies with the specifications in the standard AASHTO M-320 for PG 64- 22.


CHARACTERISTICS	UNITS	STANDARD	VALUE
FRESH BINDER			
FLASH POINT	°C	AASHTO T48	>230
ROTATIONAL VISCOSITY @ 135°C	PA.S	AASHTO T316	<3,00
DSR T for $G^*/\sin \delta > 1$ kPa	°C	AASHTO T315	64
<b>HARDENING RESISTANCE AT 163 °C (RTFOT)</b>			
MASS CHANGE (ABSOLUTE VALUE)	%	AASHTO240	1,00
DSR T for $G^*/\sin \delta > 2,20$ kPa	°C	AASHTO T315	64
PAV AGING		EN-14769	
DSR T FOR $G^* \cdot \sin \Delta < 5000$ KPA	°C	AASHTO T315	22
BBR T FOR STIFFNESS (S)<300 MPA	°C	AASHTO T313	-12
BBR T FOR M-VALUE>0,3	°C	AASHTO T313	-12


**APPLICATIONS:**


- HOT BITUMINOUS MIXTURES.

**RECOMMENDED WORKING TEMPERATURES:**

- MIXING TEMPERATURE (°C): 150-160.
- WORKING TEMPERATURE (°C): 150-160.
- COMPACTION TEMPERATURE (°C): 145- 155.
- MAXIMUM HEATING TEMPERATURE (°C): 170.

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