

ASPHALT PG 52-28

DEFINITION:

Paving grade bitumen that complies with the specifications according to AASHTO M-320 standard for PG 52-28.

SPECIFICATIONS:

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	52
Hardening Resistance at 163 °C (RTFOT)			
Mass change (absolute value)	%	AASHTO240	1,00
DSR T for $G^*/\sin \delta > 2,20$ kPa	°C	AASHTO T315	52
PAV aging			
EN-14769			
DSR T for $G^* \cdot \sin \delta < 5000$ kPa	°C	AASHTO T315	16
BBR T for stiffness (S) < 300 MPa	°C	AASHTO T313	-18
BBR T for m-value > 0,3	°C	AASHTO T313	-18

APPLICATIONS:

- Hot bituminous mixtures.

RECOMMENDED WORKING TEMPERATURES:

- Mixing temperature (°C): 145- 155.
- Working temperature (°C): 145- 155.
- Compaction temperature (°C): 140- 150.
- Maximum heating temperature (°C): 165.