

# ASPHALT PG 52-34

## DEFINITION:

Paving grade bitumen that complies with the specifications in the standard AASHTO M-320 for PG 52-34.

## SPECIFICATIONS:

Characteristics	Units	Standard	Value
<b>Fresh binder</b>			
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
<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	52
<b>PAV aging</b>		<b>EN-14769</b>	
DSR T for $G^* \cdot \sin \delta < 5000$ kPa	°C	AASHTO T315	13
BBR T for stiffness (S) < 300 MPa	°C	AASHTO T313	-24
BBR T for m-value > 0,3	°C	AASHTO T313	-24

## 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.