



# Shell 60/70 Bitumen

## Product Technical Data Sheet

---

Shell 60/70 Bitumen is a high-quality penetration grade bitumen used in road and airport construction and other similar applications.

---

### Typical Binder Properties

		Typical Results	ASTM Methods
Penetration @ 25 °C	0.1 mm	60 - 70	D5
Softening Point R&B	°C	48 - 56	D36
Solubility in Trichloroethylene	%wt.	99 min	D2042
Ductility @ 25°C	cm	100 min	D113
Flash Point, COC	°C	232 min	D92
Loss on heating	%wt.	0.2 max	D1754
Penetration after heating	% orig.	52 min	D5
Relative Density @ 25/25 °C		1.00 min	D70

### Application Temperature

The following temperatures are recommended for **Shell 60/70 Bitumen**:

Storing	:	120 – 150 °C
Mixing	:	135 – 155 °C
Compacting	:	125 – 145 °C

### Health & Safety

**Shell 60/70 Bitumen** is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

For further information, please contact your local Shell office or visit us at:  
<http://www.shell.com/bitumen>