

# BITUMEN 35/50

(Penetration Grade)

## TYPICAL PROPERTIES

PROPERTY	UNIT	35/50	TEST METHODS
Penetration @25°C, 100gm, 5sec	0.1MM	35-50	EN 1426
Softening Point, Ring & Ball	°C	50-58	EN 1427
Penetration Index	-	-1.5 to +0.7	EN12591-Annex A
<b>Resistance to Hardening @163°C</b>			
- Change in mass, Max	%Wt	0.5	
- Retained Penetration, Min	0.1MM	53	EN 12607-1
- Softening point after hardening, Min	°C	52	
Flash Point Cleveland open cup, Min	°C	240	EN ISO 2592
Solubility in CS <sub>2</sub> , Min	%Wt	99.0	EN 12592
Kinematic Viscosity @135°C, Min	mm <sup>2</sup> /s	370	EN 12595
Paraffin wax content, Max	%Wt	4.5	EN12606-2

**Penetration Grade Bitumen 35/50** is manufactured with selected crude oils in efficient production processes which are undertaken in accordance with quality management standards EN ISO 9001. The consistently high quality is based on the meticulous selection of the raw material and careful processing. Constant quality control and additional comprehensive tests ensure the unproblematic use of Bitumen 35/50 in the asphalt mixing plant. Bitumen 35/50 fulfils the requirements for paving grade bitumen in accordance with EN 12591.

**Packaging:** New steel drums, reconditioned steel drums or eco-friendly poly bags. Weatherproof packaging.

**Storage and Handling Recommendations:** Store in unopened containers. Storage temperature limits 1°C - 50°C. For normal operations, such as blending and transferring liquid bitumen, temperatures of 10°C - 40°C above the minimum pumping temperature are recommended.

### Recommended Application Temperatures:

**Storing** : 120°C - 150°C.  
**Mixing** : 135°C - 155°C.  
**Compacting** : 125°C - 145°C.

For further information, please contact:

**Nuroil Trading FZE**  
 Sharjah, United Arab Emirates.  
 Email : [info@nuroil.com](mailto:info@nuroil.com)  
 Phone : +971 (55) 840 5476