

NON-PARAFFIN BITUMEN FOR ROAD CONSTRUCTION TYPE D 70/100

USE: IN ROAD CONSTRUCTION ACCORDING WITH TECHNICAL PRESCRIPTION IN FORCE

PROPERTY	UM	LIMITS		TEST METHOD
		Min.	Max.	
Penetration at 25 ⁰ C	1/10mm	70	100	SR EN 1426-15 ASTM D 5/D5M-13
Softening point (Ring and ball)	⁰ C	43	51	SR EN 1427-15 ASTM D 36/D36M-14e1
Determination of resistance to hardening under the effect of heat and air				
- mass variation ^A	%	-	±0.8	RTFOT Method SR EN 12607-1/15
- residual penetration at 25 ⁰ C	%	46	-	ASTM D 2872-12e1
- increasing the softening point	⁰ C	-	9	
Flash point	⁰ C	230	-	SR EN ISO 2592-03 ASTM D 92-16b
Solubility	%(m/m)	99.0	-	SR EN 12592-2015
Penetration index	-	-1.5	+0.7	SR EN 12591-09 Annex A
Fraass Break point	⁰ C	-	-10	SR EN 12593-15
Dynamic viscosity at 60 ⁰ C ^B	Pa x s	90	-	SR EN 12596-15
Kinematic viscosity at 135 ⁰ C ^B	mm ² /s	230	-	SR EN 12595-15

Note: ^A Mass variation could be positive or negative.

Quality control: the control is done on lot (batch)

The batch size correspond to tank capacity, max.150 tones for delivery in trucks or railroads and will consist of the same type product.

For each lot must to check all quality coefficients provided in standard specification of the product/type except those marked with “B”. This are done every 2 years or when we have major changes in raw materials characteristics or/and in production flow.

The product must to comply with all provided characteristics. If not, the lot is rejected.

In case of litigation, quality control will be made on samples taken in accordance with sampling procedure and hold for this case.

Sampling procedure: SR EN 58:2012 ASTM D 140/D140M-16

Information on product classification, packing, labelling, handling, transport and storage: accordance with the Safety Data Sheet: FDS 31V.

The integrated Quality-Environment-Occupational Health and Safety Management System is certified by DNV-GL according to the following standards:

- ISO 9001
- ISO 14001
- BS OHSAS 18001

The test lab is accredited by RENAR, in compliance with SR EN ISO/CEI 17025.

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STANDARD SPECIFICATION 119

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