

FUEL OIL NON INDUSTRIAL USE TYPE P

USES: FUEL FOR COOKING APPLIANCE, HEATING AND HOT WATER PREPARATION, WITH OR WITHOUT EXHAUST GAS FROM THE CHIMNEY FLUE, FOR LIGHTING

PROPERTY	UM	LIMITS		TEST METHOD
		Min.	Max.	
Density at 15 ⁰ C	kg/m ³	-	835	SR EN ISO 12185-03 SR EN ISO 3675-02/C91:2005 ASTM D 4052-16 ASTM D 1298-12b(2017)
Saybolt Color	unitati	+18	-	ASTM D 156-15
Viscosity at 20 ⁰ C -kinematic	mm ² s ⁻¹	-	2.5	ASTM D 445-17a SR EN ISO 3104-02/AC:2002
Flash point, A	⁰ C	38	-	SR EN ISO 13736-13
Distillation:				
-up to 200 ⁰ C, distill	%(v/v)	18	-	SR EN ISO 3405-11
-up to 300 ⁰ C, distill	%(v/v)	98	-	ASTM D 86-17
Alkalinity and mineral acidity			lack	STAS 22-64 / ASTM D 1093-11(2017)
Neutralization index	mgKOH/ 100cm ³	-	1.4	STAS 23-75
Ash content	%(m/m)	-	0.003	SR EN ISO 6245-03 / ASTM D 482-13
Sulphur content	%(m/m)	-	0.1	SR EN ISO 8754-04 ASTM D 4294-16e1 / ASTM D 5453-16e1
Residual carbon	%(m/m)	-	0.05	SR ISO 6615-96 / ASTM D 189-06(2014)
Water and sediment	%(v/v)		lack	ASTM D 2709-16
Cloud Point	⁰ C	-	-12	SR EN 23015-97 / ASTM D 2500-17
Smokeless flame height	mm	18	-	ASTM D 1322-15e1
Low calorific power	MJ/kg kcal/kg	41.9 10008	-	ASTM D 4868-17

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

The batch size correspond to tank capacity, max.300 tones for delivery in trucks and tankers and will consist of the same product type.

For each lot must to check all quality coefficients provided in standard specification of the product/type.

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 ISO 3170-2004/C91:2005/ASTM D 4057-12

Information on product classification, packing, labelling, handling, transport and storage: according to Safety Data Sheet: 40V.

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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