

**“STEAUA ROMANA” REFINERY**  
**Campina, Romania**

**COMBUSTIBLE FOR NON-INDUSTRIAL USE TYPE P**  
**(TS as per STAS 177/89, ed. 2001)**  
**Custom Code: 2710.19.25**

**TECHNICAL SPECIFICATIONS:**

CHARACTERISTICS	ADMISSIBILITY CONDITIONS	TEST METHOD		
		STAS	ISO	ASTM
Relative density at 20 <sup>0</sup> C, max.	0,830	35 – 81	3675	D 1298 / 85
Color Saybolt, units, min.	18	34 – 67	-	D 156 / 94
Cinematic viscosity la 20 <sup>0</sup> C ,cSt	2,5	117 – 87	3104	D 445 / 96
Flammability point Abel Pensky, <sup>0</sup> C min.	38	32 – 80	2719	D 93 / 97
Distillation - Up to 200 <sup>0</sup> C , % vol., min. - up to 300 <sup>0</sup> C , % vol., min.	18 98	SR ISO 3405	3405	D 86 / 96
Alkalinity and mineral acidity	none	22 – 64	-	D 664 / 95
Neutralization index, mg KOH/100 cm <sup>3</sup> ,max	1,4	23 – 75	6618	D 974 / 97
Ash, %, max.	0,003	38 – 81	6245	D 482 / 95
Sulphur, % max.	0,1	SR ISO 8754	8754	D 4294-90
Coke, % max.	0,05	SR ISO 6615	6615	D 189 / 97
Mechanical impurities ( centrifugation method)	None	24/1 – 89	3734	D 1796 / 97
Water ( distillation method)	None	24/2 – 89	3733	D 95 / 83
Cloud point, <sup>0</sup> C , max.	-12	9049 – 75	3015	D 2500 / 91
None smoke flame height, mm, min.	18	7581 – 66	3014	D 1322 / 97
Low calorific power, kJ/kg (kcal/kg),min.	41900 ( 10000)	177 – 89		

**GENERAL DESCRIPTION:**

Present specification are referring to the LIQUID COMBUSTIBLE NON INDUSTRIAL USE TYPE P produced from crude oil fractions .

**APPLICATIONS:**

This product is used as combustibile for cooking and hot water processing apparatus with/without burning gases outlet, and for home lighting.

End users are sole responsible for not using the product in accordance with producer’s prescriptions and import country legislation in force.

**SAFETY MEASURES:**

Product is delivered in clean suitable means of transport, each lot being accompanied by quality and quantity certificates. As product is flammable, usual caution measures of fire prevention have to be taken when handling and storing this product.

**Note:** The info in this technical sheet is valid until the 31st of December, 2007. Please contact STEAUA ROMANA REFINERY in order to see if the document has been revised .