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TERMOSTAR®

ST 4/2004

Custom code: 2710.19.49

TECHNICAL SPECIFICATION:

CHARACTERISTICS	TECHNICAL CONDITIONS		ANALYSIS METHODS		
	type 0.1	type 0.2	STAS	ISO	ASTM
Density at 15 °C, g/cm ³ , max.	0.860	0.860	35 - 81	3675	D 1298/85
Viscosity at 20 °C, - cSt, max.	7	7	117 – 87	3104	D 445/96
Pensky-Martens flash point, °C min.	50	50	SR EN 2719	SR EN 2719	D 93/97
Freezing point, °C max.					
- winter	-15	-15	39-80	3405	D 97/96
- summer	0	0			
UNION color, units, max.	3	3	34 – 67	2049	D 1500
Water (distillation method),% max.	0.03	0.03	24/2–89	3733	D 95/83
Ash, %, max.	0,01	0,01	-	6245	D 482/95
Sulphur, % max.	0.1	0.20	-	8754	D 4294-90
Low calorific power, kcal/kg, min.	10100	10100	-	-	D 4868

GENERAL DESCRIPTION:

Present specification is referring to the **Termostar®** produced from light and heavy oil fractions mixture, obtained from atmospheric and vacuum crude oil processing. Two types are produced: **Termostar®** type 0.1 and **Termostar®** type 0.2.

APPLICATIONS:

Termostar® type 0.1 is used in industrial purpose in bread industry, in milk processing industry, textile industry, medium power units or in equipment for producing thermic energy and domestic hot water (low power). It can be used in furnace for metal thermic treatment.

Termostar® type 0.2 is used in accordance with HG 470/2007, art.3, pct. a), b) si c) in research, testing, processing before the final combustion, processing in other refineries.

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

PACKAGING – STORAGE:

The packaging, marking and storage shall be made as per stipulations of Romanian standard STAS 4225/79 and material safety data sheet-MSDS.

Product has to be delivered only in clean suitable means of transportation, each lot being accompanied by quality, quantity certificates and transport safety data sheet. Quality is guaranteed for 3 (three) months starting from producing date, stipulated storage conditions have to be observed.

SAFETY MEASURES:

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, 2008. We ask you to contact STEAUA ROMANA REFINERY in order to see if the document has been revised .