

LIQUEFIED PETROLEUM GAS

USE: FUEL FOR INDUSTRIAL USE

PROPERTY	MU	LIMITS		TEST METHOD
		Min.	Max.	
Composition:	% (m/m)			STAS 8722:70 ² / SR EN 27941:00 ² / ASTM D 2163-91(96) ²
C3 hydrocarbons (saturated and unsaturated)			to be reported	
C4 hydrocarbons (saturated and unsaturated)			to be reported	
C5 hydrocarbons (saturated and unsaturated)		-	1.0	
Odour			characteristic	Organoleptic
Absolute vapour pressure at 50 °C	kPa	-	750	SR 66:01 (art. 6.1) ² / SR EN ISO 8973:02 ²
Sulphur:	mg/Nm ³			SR 66:01 (art. 6.2) / UOP 212-77 / STAS 6908/3:90 ²
Total Mercaptanic (odorised) ¹		-	300	
Evaporation temperature of residue	°C	50	-	
Lower calorific value		-	1	SR 66:01 (art. 6.3) ²
Density:				SR 66:01 (art. 6.5) ² / SR EN ISO 8973:02 ²
Liquid at 50 °C	kJ/Nm ³	112,860	-	
Liquid at 15 °C	kcal/Nm ³	27,000	-	
Gas				
Water			nil	SR 66:01 (art. 6.6) ²

NOTES: 1) A sufficient amount of ethylmercaptan is added to the product to provide a specific odor, permitting the detection of the possible leaks 2) Accredited test by RENAR 3) For every delivery, at client request, the product can be delivered unodorised

Quality control: control is done on lot.

Each batch will have max one wagon for delivery in tank wagons or max 5,000 LPG bottles for delivery in LPG bottles. The lot will have product of same type.

During testing, the product must comply with all parameters depicted in standard specification for corresponding product/type. If not, the batch is rejected.

Sampling being done in accordance with sampling procedure.

Sampling procedure: according to ASTM D 1265-97 / SR EN ISO 4257:02

Informations about handling, transportation and storage: according to "Material Safety Data Sheet" FDS-1.4 T.

The quality management system is certified by Germanischer Lloyd Certification in compliance with the following standards:

- DIN EN ISO 9001:2000 - Certificate No. QS-1252HH / December 28, 2004
- DIN EN ISO 14001:1996 - Certificate No. EM-2938HH / December 29, 2004

The test lab is accredited by RENAR, in compliance with SR EN ISO/CEI 17025:2001, and holds the accreditation certificate No. 333 - L/ January 31, 2005.

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