

REPSOL AYLIN

HIGH-PURITY LIQUEFIED GASES BUTANE/PROPANE

Description

REPSOL AYLIN range are liquefied gases produced from mixes of refinery streams, specially treated and hydrogenated to provide them with high levels of purity. The main components are Butanes (isobutane and n-butane) and propane.

Applications

The products in the REPSOL AYLIN range are designed to act as propulsion mediums in packaged products (propellants) for various aerosol applications (air fresheners, insecticides, gardening, cosmetics, etc.) and as packaging gases in containers, preferably made of plastic (polymer expansion).

Its features include:

- Highly balanced composition that ensures proper vapour pressure for each application.
- High oxidation resistance and very good storage stability.
- Zero corrosiveness.
- Environmentally friendly (Products neither pollute the environment nor damage the ozone layer).

Packaging

In bulk. 20-25 TM tanks.

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Technical Characteristics

	Unit	Method	35	38	45	48	54
Vapour pressure at 20 °C	Kg/cm2 rel	Calculation	2.3-2.7	2.5-2.9	3.0-3.4	3.0-3.4	3.0-3.4
Vapour pressure at 20 °C	psi a	Calculation	47.4-53.1	50.3-55.9	57.4-63	57.4-63	57.4-63
Content greater than C4	% v/v	ASTM D-2163	<0.05*	<0.05*	<0.05	<0.05	<0.5
Ethane content	% v/v	ASTM D-2163	<0.5*	<0.5*	<1	<1	<1
Unsaturated	% v/v	ASTM D-2163	<0.1*	<0.1*	<0.1	<0.15	<0.1
1,3-butadiene	% v/v	ASTM D-2163	<0,001*	<0,001*	<0,001	<0,01	<0.1
Residue	% v/v	ASTM D-2158	<0.1*	<0.1*	<0.1	<0.1	<0.1
Sulphur	ppm	ASTM D-6667	<5*	<5*	<5	<5	<5
Moisture	ppm	UOP-344	<25*	<25*	<25	<25	<25
Smell	-	Organoleptic	Exempt	Exempt	Exempt	Characteristics	Exempt

Unless otherwise indicated, the values presented in the technical data should be considered as typical values.

* calculated values