

C₄ Cut

General Description

C₄ cut is produced in ethylene production plants by steam cracking of naphtha. It is a mixture of C₄ hydrocarbons mainly 1,3-butadiene, 2-methylpropene (isobutylene) and butanes.

Product Specification

COMPONENT	VALUE*	UNIT
1,3-butadiene	45.1	wt %
Methyl-acetylene	0.12	wt %
Propadiene	0.02	wt %
Propylene	0.1	wt %
Propane	0.03	wt %
Vinyl-acetylene	1.13	wt %
i-butene	19.2	wt %
1-butene	9.16	wt %
Cis 2-butene	1.86	wt %
Trans 2-butene	2.58	wt %
i-butene	3.94	wt %
n-butene	16.56	wt %
C ₅ -diolefins	0.06	wt %
Pentenes	0.1	wt %
2-methyl-butene	0.03	wt %

* Typical values; not to be considered as product specification.