

C4 Raffinate

C4-R

Overview

C4-R is separated and produced through distillation process from raffinate with 1,3-Butadiene extracted from the mixed C4 resins produced in Naphtha Cracker. It is a gaseous product with unique odors at room temperature.

Application

MTBE's synthetic ingredients.

Physical properties

Item	Test Method	Unit	Typical Value
C3S	BY GC	mol %	0.3827
ISOBUTANE	BY GC	mol %	7.53
N-BUTANE	BY GC	mol %	10.68
METHYLCYCLOPROPANE	BY GC	mol %	0.04
TRANS-2-BUTENE	BY GC	mol %	1.92
1-BUTENE	BY GC	mol %	2.64
ISOBUTENE	BY GC	mol %	75.92
CIS-2-BUTENE	BY GC	mol %	0.8
1,2-BUTADIENE	BY GC	mol %	0.014
1,3-BUTADIENE	BY GC	mol %	0.0032
C5S & HEAVIER	BY GC	mol %	0.067
SULFUR	ASTM D5453	Wt ppm	1
SP.GR(15/4°C)	ASTM D1657	-	0.596

Note: The data is a representative value of the guide material and may be changed depending on the manufacturing raw material and process situation.

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