



SRF Limited
Fluorochemicals Business, Dahej

Finished Product - Analytical Specification

Plant: Floron-600a (Isobutane)

Chemical Name	R-600a		
Chemical Formula	C ₄ H ₁₀	DC No.	FCB-D/QA/ANS/FP-20
Molecular Weight	58.12	CAS No.	75-28-5
Revision Number	1	Revision Date	06.10.2018
Page Number	1 of 1	Next Review Due	05.10.2020

Sr. No.	Characteristics	Unit	Specification
1	Purity by GC, w/w, <i>Minimum</i>	%	99.5
2	All others volatile Impurities, w/w, <i>Maximum</i>	%	0.5
3	Total C3, C4 and C5 Polyolefins, w/w, <i>Maximum</i>	%	0.05
4	Air and Other Non Condensables, v/v, <i>Maximum</i>	%	1.5
5	Water, w/w, <i>Maximum</i>	ppm	10
6	Acidity as Hydrochloric acid, w/w, <i>Maximum</i>	ppm	1
7	High Boiling Residue, w/w, <i>Maximum</i>	%	0.01
8	Particulates/Solids	Pass or Fail	Visually clean
9	Sulphur odor	Pass or Fail	No sulphur odor

Reference: Specification of R-600a according to AHRI 700-2016

Abbreviations:

DC No.	Document Control Number
FCB-D	Fluorochemicals Business Dahej
QA	Quality Assurance
FP	Finished Product
ANS	Analytical Specification
w/w	weight by weight
ppm	parts per million

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