

REFINERY GRADE PROPANE SPECIFICATION

PRODUCT CHARACTERISTICS	<u>REFINERY GRADE PROPANE</u>	<u>TEST METHODS</u>
COMPOSITION	NOT LESS THAN 90% LIQUID VOLUME % PROPANE/ PROPLENE MIX; NOT MORE THAN 24% LIQUID VOLUME % PROPYLENE	ASTM D-2163-87
VAPOR PRESSURE @ 100F, PSIG MAX	208	ASTM D-1267-84
<u>VOLATILE RESIDUE:</u> TEMP AT 95% EVAPORATION, DEG. F MAX OR BUTANE AND HEAVIER, LIQUID VOLUME PERCENT MAX	-37 5.0%	ASTM D-1837-88 ASTM D--2163-87
<u>RESIDUAL MATTER:</u> RESIDUE ON EVAPORATION OF 100 MI, MAX OIL STAIN OBSERVATION	0.05MI PASS (1)	ASTM D-2158-85
CORROSION, COPPER STRIP, MAX	NO. 1	ASTM D-1838-84
TOTAL SULFUR, PPMW	185	ASTM D-2784-80
MOISTURE CONTENT	PASS	GPA PROPANE DRYNESS TEST (COBALT BROMIDE) OR D-2713-88
FREE WATER CONTENT	NONE	NONE

Max Ethane in C3 - There is no % spec., but based on max vapor pressure of 208 at 100 degrees. Over that propane will be off spec for vapor pressure