

R600a PT chart

Temperature		Liquid		Vapour	
°F	°C	psi	kpa	psi	kpa
--40	--40	4.16	28.70	4.16	28.70
--36	--38	4.60	31.75	4.60	31.75
--33	--36	5.08	35.05	5.08	35.05
--29	--34	5.60	38.62	5.60	38.62
--26	--32	6.16	42.47	6.16	42.47
--22	--30	6.76	46.62	6.76	46.62
--18	--28	7.41	51.09	7.41	51.09
--15	--26	8.11	55.90	8.11	55.90
--11	--24	8.85	61.05	8.85	61.05
--8	--22	9.66	66.57	9.66	66.57
--4	--20	10.51	72.48	10.51	72.48
0	--18	11.43	78.79	11.43	78.79
3	--16	12.40	85.52	12.40	85.52
7	--14	13.45	92.70	13.45	92.70
10	--12	14.55	100.33	14.55	100.33
14	--10	15.73	108.45	15.73	108.45
18	--8	16.98	117.07	16.98	117.07
21	--6	18.31	126.21	18.31	126.21
25	--4	19.71	135.89	19.71	135.89

R600a Pressure Temperature Chart

**Robert H. Perry, Don W. Green, James
O. Maloney**



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Proceedings of the 28th International Cryogenic Engineering Conference and International Cryogenic Materials Conference 2022 Limin Qiu,Kai Wang,Yanwei Ma,2023-10-05 This book gathers selected papers from the 28th International Cryogenic Engineering Conference and International Cryogenic Materials Conference 2022 ICEC28 ICMC 2022 held virtually in Hangzhou China on 25-29 April 2022 due to COVID-19 pandemic Highlighting the latest findings on cryogenic engineering and cryogenic materials it covers topics including large scale cryogenic components processes and systems for refrigeration separation and liquefaction of cryogenic fluids small scale cryocoolers cryogenic space applications thermal insulation thermal physical properties of cryogenic fluids and materials superconducting materials devices systems and applications etc The book offers valuable information and insights for academic researchers engineers in the industry and operators in the cryogenic field

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web jan 1 1997 the lanthanides comprise the largest naturally occurring group in the periodic table there are more than 100 minerals known to contain lanthanides but the only two of commercial importance are monazite and bastnaesite the chapter discusses the production of lanthanide elements by electrolysis of fused salts and by metallothermic reduction

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web the fifteen elements shown in table pageindex 1 from lanthanum la 4f 0 to lutetium lu 4f 14 are lanthanoids ln may be used as a general symbol for the lanthanoid elements although lanthanoids scandium sc and yttrium y are sometimes called rare earth elements they are relatively abundant in the earth s crust

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web nov 1 1998 production of lanthanides has shown a continuous increase in recent years 50 taking all these facts into account it is reasonable to consider the development of corrosion protection methods using this family of compounds at first the lanthanide elements principally cerium were used in protection against corrosion at high

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web jan 1 2000 powell describes displacement chromatography and elution chromatography as the two principal methods for separating lanthanide cations by ion exchange chromatography in displacement chromatography the ions to be separated are first sorbed onto a column of the resin the analyte metals are eluted from the column

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web feb 4 2021 the lanthanides are located on the top row of the two rows of elements found below the main body of the periodic table placing the lanthanides and the actinides the row below the lanthanides below the other elements is just a matter of aesthetics the lanthanides belong to period 6 like cesium barium and hafnium