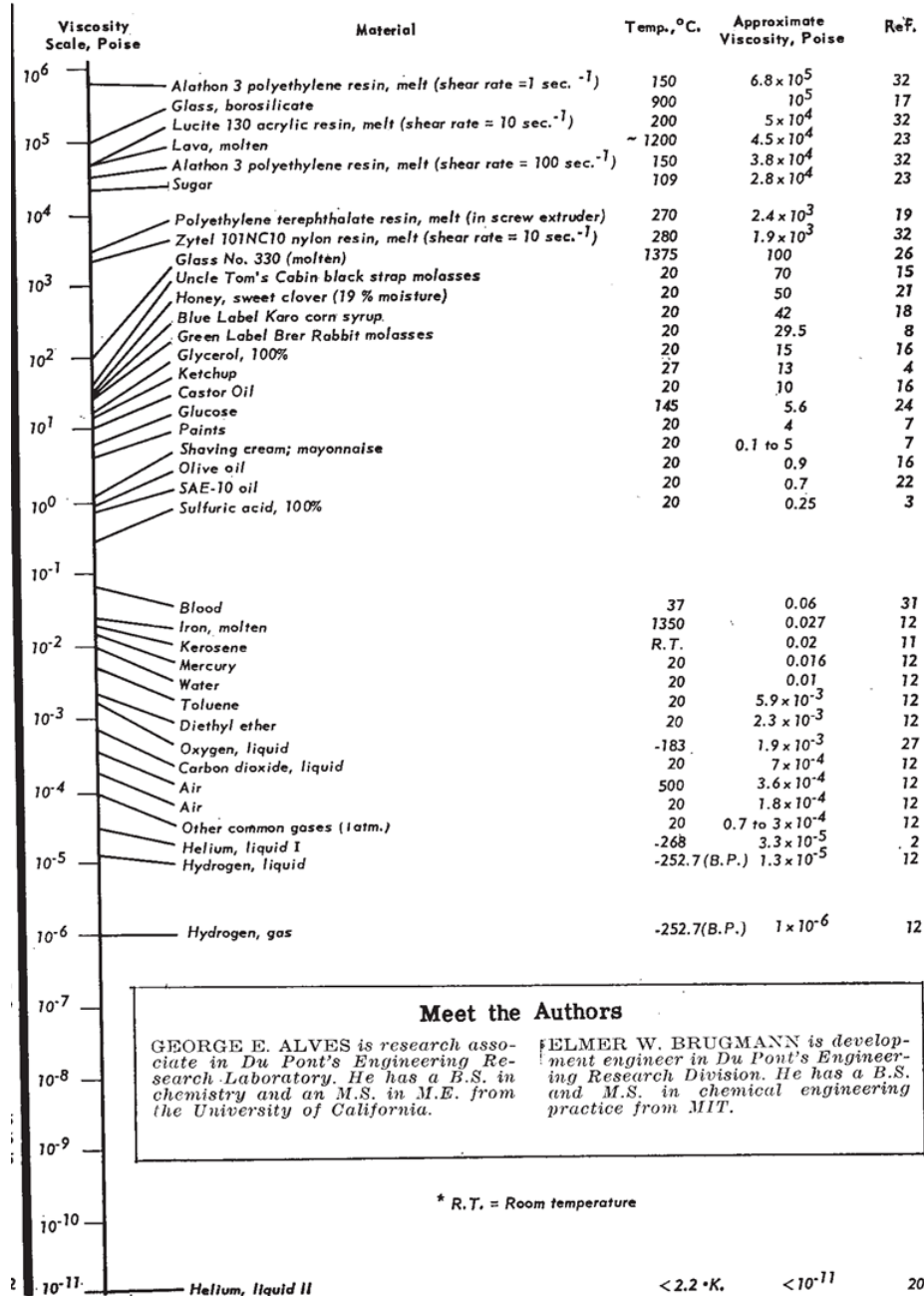


66.21: Table of Viscosities

VISCOSITY			
Viscosity Scale, Poise	Material	Temp., °C.	Approximate Viscosity, Poise
	Quartz (under 12,000 atm. confining pressure)	23	No measurable tendency to flow
	Limestone	R.T.*	$> 10^{22}$
	Glass, (soda-lime-silica)	0	10^{22}
10^{22}			
10^{21}			
10^{20}			
10^{19}	Glass, crown	R.T.	6.3×10^{18}
10^{18}	Aluminum	25	1.4×10^{18}
10^{17}	Concrete (1:2:4 mix)	R.T.	3.2×10^{17}
	Halite, single crystal	R.T.	2.6×10^{17}
10^{16}	Polymethyl Methacrylate resin	25	3.4×10^{16}
10^{15}			
10^{14}	Glass no. 330, soda-lime-silica (strain point)	480	4×10^{14}
	Limestone (under 10,000 atm. confining pressure)	23	2×10^{14}
	Glacier ice	< 0	1.2×10^{14}
	Glucose	22	9.1×10^{13}
	Glass no. 330 (annealing point)	501	2.5×10^{13}
10^{13}			
10^{12}	Silica, fused	1400	10^{12}
10^{11}	Lead	15	3×10^{11}
10^{10}	Ice crystal	0	2×10^{10}
	Pitch	15	1.3×10^{10}
	Polytetrafluoroethylene resin, melt (onset of melt fracture)	350	10^{10}
10^9			
10^8	Cheese, cheddar	18	1.4×10^8
	Glass no. 330 (softening point)	675	4.5×10^7
	Butter, guernsey	16.5	4.2×10^7
10^7			
10^6	Alathon 3 polyethylene resin, melt (shear rate = 1 sec.^{-1})	150	6.8×10^5

TY SPECTRUM



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