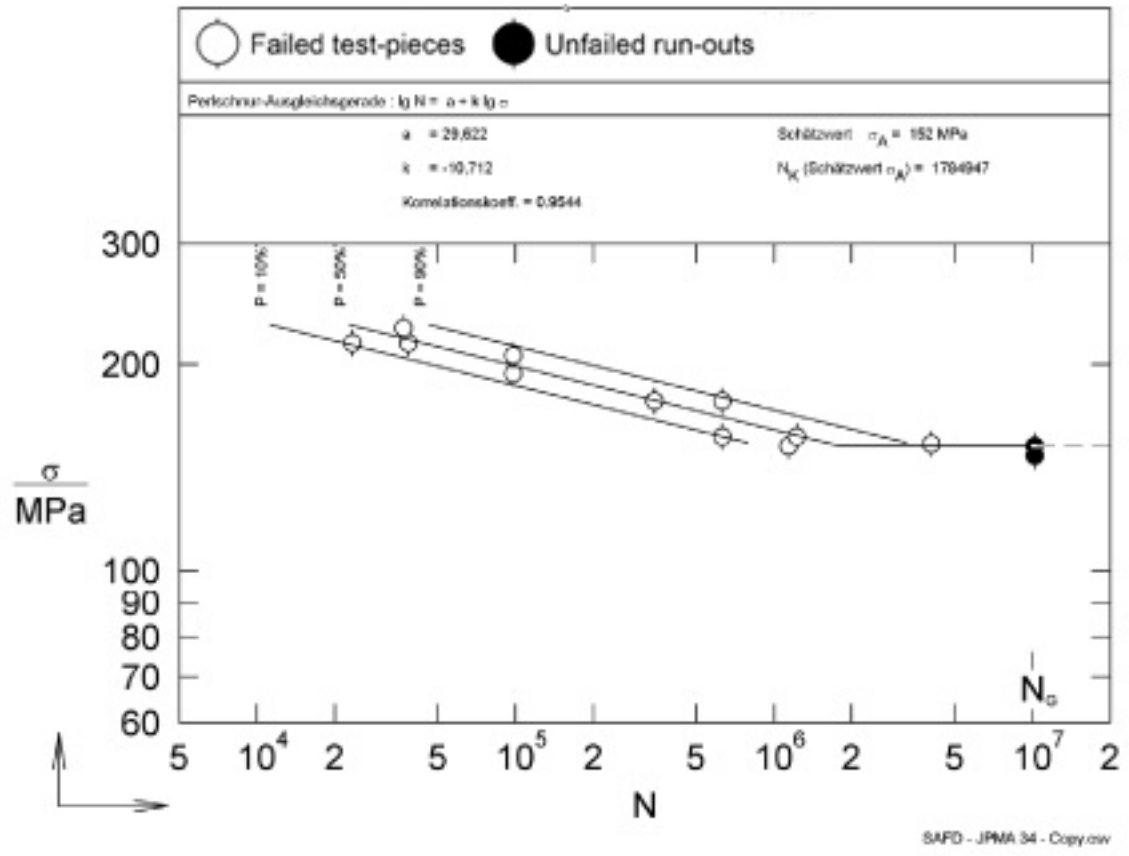

Material:	Fe-2 %Cu - 0.7 %C, water atomised iron									
	sintering: 1130 °C, 20 min, endogas									
	heat treatment: -									
	density: 6.85 g/cm³									
	mech. properties: H = 74 HRB; $R_{p0.2}$ = -; R_m = 545 MPa									
Specimen:	smooth, K_t = 1.0; surface machined									
Loading mode:	rotary bending, R = -1									
Limiting no. of cyles:	10^7									
Endurance limit:	150 MPa (152 MPa this evaluation)									
Refernece:	M. Onoda: Fatigue Strength of Sintered Structural Component Materials;									
	Japan Powder Metallurgical Association, Tokyo, 1983 (in Japanese)									
Stress amplitude:	147	152	153	157	177	194	206	215	226	MPa
Cycles to failure:	10185.914	1137.627	4064.433	630.957	345.144	98.175	98.175	23.442	36.963	- 1000
		10185.914		1224.616	630.957			38.548		