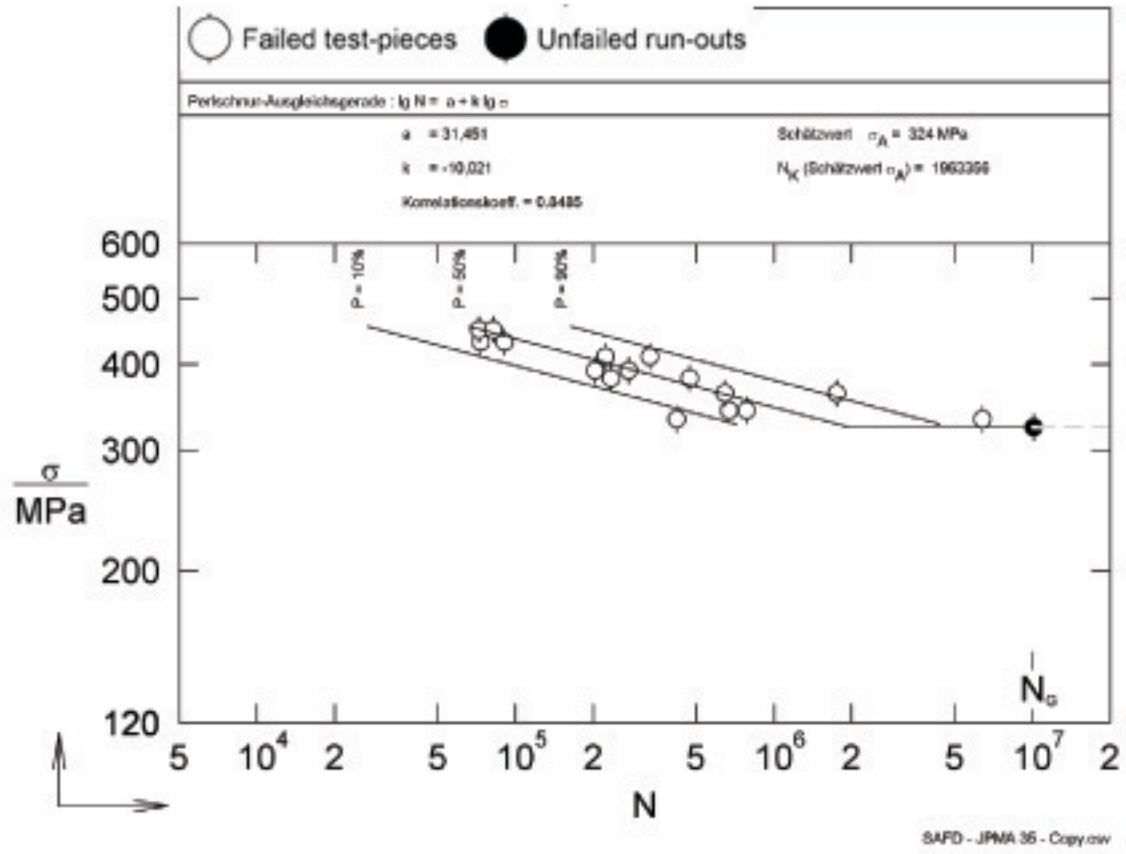

Material:	Fe-2 %Cu - 0.7 %C; water atomised iron									
	sintering: 1130 °C; 20 min, endogas									
	heat treatment: quenched and tempered; 850 °C; 30 min; oil quench; 180 °C; 30 min									
	density: 6.95 g/cm³									
	mech. properties: H=69 HRA; $R_{p0.2}$ =-; R_m = 718 MPa									
Specimen:	smooth, K_t = 1.0; surface machined									
Loading mode:	rotary bending, R=-1									
Limiting no. of cycles:	10^7									
Endurance limit:	329 MPa (324 MPa this evaluation)									
Reference:	M. Onoda: Fatigue Strength of Sintered Structural Component Materials;									
	Japan Powder Metallurgical Association, Tokyo, 1983 (in Japanese)									
Stress amplitude:	324	333	343	363	382	392	411	431	450	MPa
Cycles to failure:	10092.529	420.727	669.885	647.143	233.884	203.236	222.844	73.451	72.277	· 1000
		6412.096	783.430	1749.847	473.151	274.157	331.131	90.804	81.846	