

sintering 1130							
sintering: 1130 °C, 30 min, dissociated ammonia							
heat treatment: quenched and tempered; 850 °C, 60 min; oil quench; 200 °C, 60 min							n
density: 6.85 g/cm ³							
mech. properties: H=77HRB; R _{p0.2} =-; R _m =498 MPa							
smooth, K _t = 1.0; surface as sintered							
plane bending, R=-1							
107							
177 MPa (175 MPa this evaluation)							
M. Onoda: Fatigue Strength of Sintered Structural Component Materials; Japan Powder Metallurgical Association, Tokyo, 1983 (in Japanese)							
175	196	216	235	276	295	384	MPa
10000.000	3999.447	414.000 6516.284	1506.607	33.729	267.301	10.162	1000
	density: 6.85 g mech. properti smooth, K _t = 1. plane bending 10 ⁷ 177 MPa (175 M M. Onoda: Fati Powder Metall	density: 6.85 g/cm ³ mech. properties: H=77 H smooth, K _t = 1.0; surface as plane bending, R=-1 10 ⁷ 177 MPa (175 MPa this eva M. Onoda: Fatigue Strengt Powder Metallurgical Asso	density: 6.85 g/cm ³ mech. properties: H=77 HRB; R _{p0.2} =-; smooth, K _t = 1.0; surface as sintered plane bending, R=-1 10 ⁷ 177 MPa (175 MPa this evaluation) M. Onoda: Fatigue Strength of Sintere Powder Metallurgical Association, Tol- 175 196 216 10000.000 3999.447 414.000	density: 6.85 g/ cm ³ mech. properties: H=77 HRB; R _{50.2} =-; R _m =498 MF smooth, K _t =1.0; surface as sintered plane bending, R=-1 10 ⁷ 177 MPa (175 MPa this evaluation) M. Onoda: Fatigue Strength of Sintered Structural Powder Metallurgical Association, Tokyo, 1983 (in 175 196 216 235 10000.000 3999.447 414.000 1506.607	density: 6.85 g/cm ³ mech. properties: H=77 HRB; R _{p0.2} =-; R _m = 498 MPa smooth, K _t = 1.0; surface as sintered plane bending, R=-1 10 ⁷ 177 MPa (175 MPa this evaluation) M. Onoda: Fatigue Strength of Sintered Structural Compone Powder Metallurgical Association, Tokyo, 1983 (in Japanese) 175 196 216 235 276 10000.000 3999.447 414.000 1506.607 33.729	density: 6.85 g/ cm ³ mech. properties: H=77 HRB; R _{50.2} =-; R _m = 498 MPa smooth, K _t = 1.0; surface as sintered plane bending, R=-1 10 ⁷ 177 MPa (175 MPa this evaluation) M. Onoda: Fatigue Strength of Sintered Structural Component Materials Powder Metallurgical Association, Tokyo, 1983 (in Japanese) 175 196 216 235 276 295 10000.000 3999.447 414.000 1506.607 33.729 267.301	density: 6.85 g/ cm ³ mech. properties: H=77 HRB; R _{50.2} =-; R _m = 498 MPa smooth, K _t = 1.0; surface as sintered plane bending, R=-1 10 ⁷ 177 MPa (175 MPa this evaluation) M. Onoda: Fatigue Strength of Sintered Structural Component Materials; Japan Powder Metallurgical Association, Tokyo, 1983 (in Japanese) 175 196 216 235 276 295 384 10000.000 3999.447 414.000 1506.607 33.729 267.301 10.162