

Material Designation	Condition	Rp0,2 (Mpa)	Rm (Mpa)	Elongation	Hardness	Density (gr/cm³)	Description
FN02(00)	Sintered	>150	>260	>20%	>45 HRB	>7.5	Low Alloy – Soft Magnetic
FN08(00)	Sintered	>210	>380	>20%	>69 HRB	>7.6	Low Alloy
MIM 316L	Sintered	>140	>450	>40%	>120 HV	>7.9	Stainless Steel
MIM 304L	Sintered	>180	>480	>25%	>120 HV	>7.78	Stainless Steel
FeSi3	Sintered	>500	>360	>24%	>80 HRB	>7,45	Soft Magnetic
MIM 17-4 PH	Sintered	>660	>800	>3%	>32 HRC	>7.65	Stainless Steel
MIM 410	—	—	—	—	—	—	Stainless Steel
MIM 420	—	—	—	—	—	—	Stainless Steel
MIM M4	—	—	—	—	—	—	Tool Steel
FN0205	Sintered	>255	>415	>15%	>62 HRB	>7.55	Low Alloy
	Heat Treated	>700	>1100	>5% – >3%	>48-55 HRC		
MIM 100Cr6	Sintered	>500	>900	>5%	>97 HRB	>7.4	Low Alloy
	Heat Treated	—	—	—	>60 HRC		Tool Steel
MIM 8620	Sintered	>400	>650	>3%	>90 HRB	>7.4	Low Alloy
	Heat Treated	—	—	—	>58-64 HRC		
MIM 8740	Sintered	>550	>700	>14%	>92 HRB	>7.5	Low Alloy
	Heat Treated	>1600	>1665	>0,3%	>50 HRC		
MIM 42CrMo4	Sintered	>400	>700	>3%	>71 HRB	>7.45	Low Alloy
	Heat Treated	>1250	>1450	>2%	>45 HRC		
MIM 4340	Sintered	>500	>700	>11%	>71 HRB	>7.5	Low Alloy
	Heat Treated	>1400	>1620	>2%	>45 HRC		
MIM 16MnCr5	Sintered	>320	>380	>15%	>67 HRB	>7.4	Low Alloy
	Heat Treated	>600	>1050	>8%	>39 HRC		
MIM-4605	Sintered	>290	>415	>15%	>62 HRB	>7.5	Low Alloy
	Heat Treated	>1080	>1180	>1.5%	>48 HRC		
MIM S7	Sintered	—	>1550	>3%	>45 HRC	>7.24	Tool Steel
	Heat Treated	—	>1850	>2%	>59 HRC		
MIM M2	Sintered	>800	>1200	>1%	>50 HRC	>7.9	Tool Steel
	Heat Treated	—	—	—	>64 HRC		