

Compression Molded NdFeB

Magnetic Properties

Grade	Br (mT)	Hcb (kA/m)	Hcj (kA/m)	(BH)max (kJ/m³)
PMC-1	300-400	200-280	400-560	24-32
PMC-2	400-500	240-320	480-640	32-40
PMC-3	500-550	280-360	480-640	40-48
PMC-4	550-600	320-400	560-720	48-60
PMC-5	590-640	360-440	560-720	56-64
PMC-6	630-680	400-480	640-800	64-76
PMC-7	650-700	400-480	640-800	68-76
PMC-8	680-730	400-480	640-800	76-84
PMC-9	700-750	440-520	720-800	80-88
PMC-10	720-770	440-520	720-800	88-96
PMC-11	750-800	400-480	480-640	88-96
PMC-12	760-830	400-480	480-640	88-104
PMC-13	640-700	400-480	880-1120	68-80

Physical Properties

Grade	Density Source value	Recoil permeability	Br coefficient (%/°C)	Operating temp. (°C)	Magnetizing field (kA/m)	Magnetizing field (kOe)
PMC-1	5.5-6.0	1.2	-0.24	100-120	>1200	>15
PMC-2	5.5-6.0	1.2	-0.24	100-120	>1200	>15
PMC-3	5.5-6.0	1.2	-0.24	100-120	>1200	>15
PMC-4	5.5-6.1	1.2	-0.18	110-130	>1600	>20
PMC-5	5.6-6.2	1.2	-0.18	120-130	>1600	>20
PMC-6	5.8-6.2	1.2	-0.12	120-130	>1600	>20
PMC-7	5.8-6.2	1.2	-0.12	120-130	>1600	>20
PMC-8	5.8-6.2	1.2	-0.10	120-130	>1600	>20
PMC-9	5.8-6.2	1.2	-0.10	120-130	>1600	>20
PMC-10	5.9-6.2	1.2	-0.10	120-130	>1600	>20
PMC-11	6.0-6.2	1.22	-0.12	100-120	>1600	>20
PMC-12	6.0-6.4	1.22	-0.12	100-120	>1600	>20
PMC-13	5.8-6.2	1.15	-0.10	140-160	>2000	>25