



Certificate according to DIN EN 10204

item number 11609 Quality NdFeB N42

Magnetic and material specific Characteristics

maximum energy product	(BH)max	≥	323	kJ/m³	Measuring Hystograph Brockhaus BTC 200 with solenoid TJH 15
remanence	Br	≥	1300	mT	
coercitive field strength flux density	HcB	≥	876	kA/m	
coercitive field strength polarisation	HcJ	≥	955	kA/m	
temperature of application			80	°C	Measuring manually
density			7,4	g/cm³	
adhesion force over air gap			---	N	Measuring autom. adhesion force test device
dimension	Diameter 1		15,00	mm	Measuring digital slide gauge with data output (Mahr 16EX) steal measure
				mm	
	height 1		1,00	mm	
magnetizing	kind		axially		Measuring Fluxx foil
coating			Ni		Test optically
minimum bending diameter (along/across)					Test optically
					Test manually
chemical composition					corresponds to following norms and regulation
Nd & Pr	33,0%				DIN ISO EN 71-3
Fe	63,9 - 68,8%				EU 2000/53/EG
B	1 - 1,2%				EU 2002/95/EG
Dy	1,5 - 2,5%				EU 2005/84EG
Pb	2 ppm				EG 1907/2006 (REACH)

Others

According to the waste key EAK (Europ. Waste Catalogue) 060316 magnetic foil belongs to metal oxides with content of plastic and can, in accordance with the local waste regulations, generally be disposed of with normal household waste.

State 10.02.2025

This data sheet was prepared by EDV and it is valid without a signature

QD Rheinmagnet Horst Baermann GmbH