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## Product Specification

Product Name:

Neodymium-iron-boron alloy 30/150 - disc, size 13 mm × 6 mm

Product Number:

693782

CAS Number:

918106-59-9

Nd / Fe / B

TEST	Specification
Appearance (Color)	White to Grey
Appearance (Form)	Conforms to Requirements
Discs	
Neodymium (Nd)	
Approximately 29 wt%	
Boron (B)	
Approximately 1.1 wt%	
Aluminum (Al)	
Approximately 0.8 wt%	
Niobium (Nb)	
Approximately 0.5 wt%	
Dysprosium (Dy)	
Approximately 3.6 wt%	
Iron (Fe)	
Remainder Iron	
Max Energy Product, BH (Kj/m <sup>3</sup> )	
Approximately 247 Kj/m <sup>3</sup>	
Residual Induction, BR (T)	
Approximately 1.13 T	
Coersive Force, HC (KA/m)	
Approximately 844 KA/m	
Int Coersive Force, HCl (KA/m)	
Approximately 1595 KA/m	
Maximum Temperature Rating:	Conforms
150 °C	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Specification: PRD.0.ZQ5.10000051398

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