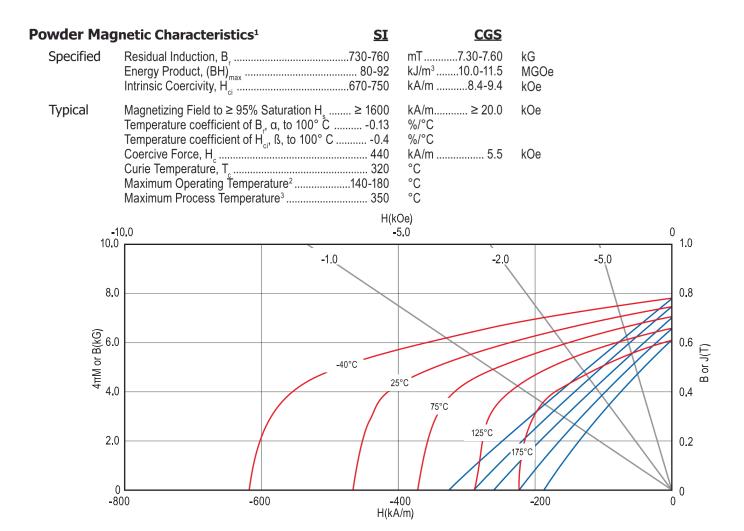


MQP[™]-S-11-9-20001-070 Isotropic Powder*

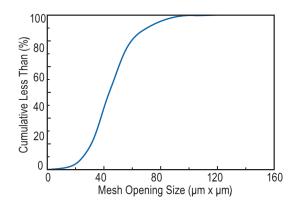
Material Description

MQP-S-11-9-20001 is an isotropic magnet powder having fine particle size and spherical morphology, suitable for the manufacture of bonded magnets, particularly by injection molding, extrusion and calendaring. It is based on a patented Nd-Pr-Fe-Co-Ti-Zr-B alloy. This material is produced by employing an atomization process followed by heat treatment.



Physcial Characteristics

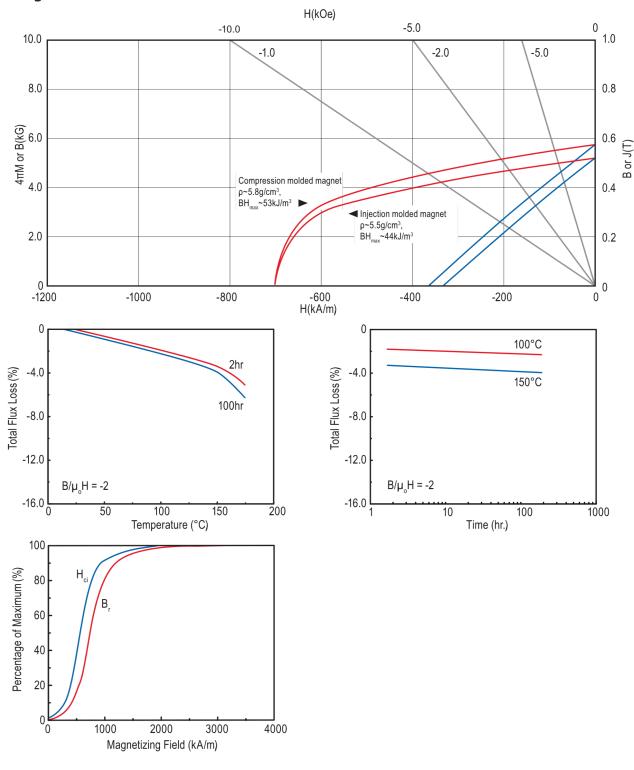
Specified	Laser Diffraction Analysis: Total ≥ 104.7µm Median Size, d _{50%} Distribution Width (1 Sigma)	
Typical	Density (theoretical)	



^{*}Contact Magnequench to obtain up-to-date product specifications.



Bonded Magnet Characteristics⁴



¹ Properties measured at 25°C, unless otherwise specified.

² The Maximum Operating Temperature for a magnet made from this powder is dependent upon the specific application, the type of magnet, and magnet geometry. Contact our Application Engineers for more information.

³ Maximum Process Temperature is defined here at <2% reduction in coercivity (i.e. structural loss) after heating powder 1 hour in air.

⁴ These properties are typical at 25°C and are representative only. Magnet properties are dependent upon powder loading and magnet manufacturing conditions. Contact our Application Engineers for information about Magnequench magnet products.

^{*} This powder, the products that are made there from, and its manufacturing processes are subject to one or more of the following United States Patents: 6,183,572; 6,478,890; 6,527,875; 6,855,265; 6,979,409; 7,087,185; 7,144,463.