



GNP Graystar

Specialty Materials

AN ISO 9001 CERTIFIED COMPANY



TECHNICAL DATA SHEET

Fused Magnesia-Stabilized Zirconia

Typical Chemistry & Properties

	GNPMD-a	GNPMD-b
% ZrO ₂ min.	95	94
% MgO	3-4	3-4
% Al ₂ O ₃ max.	0.1	0.4
% SiO ₂ max.	0.2	0.4
% Fe ₂ O ₃ max	0.1	0.1
% TiO ₂ max.	0.21	0.2
Color	Yellow	Yellow
Stabilization	70-85	50-70
Density (g/cm ³)	5.7 min.	5.6 min.

* Particle Size can be customized for all the above products.

Description:

GNP Graystar's Fused Magnesia-Stabilized Zirconia is produced by electro-fusion of high purity zirconia and magnesia.

Applications:

GNP Graystar's Fused Magnesia-Stabilized Zirconia is used in various ceramic applications such as refractory setters for the electro-ceramic industry, zirconia furnace furniture, structural ceramics, sizing nozzles, and more.

info@GNPGraystar.com

Rev. 02/2020

Northern Office
37 John Glenn Dr.
Amherst, NY 14228
716.759.6600

www.GNPGraystar.com

Southern Office
9 Simmonsville Rd.
Bluffton, SC 29910
843.815.5600