



GNPGraystar

Specialty Materials

AN ISO 9001 CERTIFIED COMPANY



TECHNICAL DATA SHEET

Fused Yttrium Oxide

Typical Chemistry

Yttrium Oxide (Y_2O_3)	$\geq 99.5\%$
Silicon Dioxide (SiO_2)	$\leq 0.02\%$
Aluminum Oxide (Al_2O_3)	$\leq 0.01\%$
Iron Oxide (Fe_2O_3)	$\leq 0.01\%$
Titanium Dioxide (TiO_2)	$\leq 0.01\%$

Typical Sizing

True Density:	5.05 g/cm ³
Melting Point:	2410°C

Available Sizing:

- Sizes available per customer's requirement.

Description:

GNPGraystar's Fused Yttrium Oxide is a new product developed with special technology using yttrium raw material. It has the following characteristics: high purity, large crystal size, high temperature resistance, good thermal conductivity, and strong impermeability.

Applications:

GNPGraystar's Fused Yttrium Oxide is typically used in the titanium casting and specialty ceramics industries.

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