



# BLAST MEDIA DATA SHEET

## GUYSON TURBONOX

(turbine wheel and dry compressed air systems)

### General

Guyson Turbonox is austenitic (chromium and nickel) stainless steel shot produced by water atomisation of molten steel, with subsequent sieving and thermal/mechanical treatment.

Turbonox would generally be used in wheel/turbine or pressure blast systems.

### Typical Applications

Cleaning, deburring and finishing all non - ferrous surfaces wherever ferrous embedding would cause discolouration or trace surface corrosion.

### Chemical composition

Stainless steel bead

Chromium	:	16.00 - 18.00%
Nickel	:	7.00 - 9.00%
Silicon	:	1.50 - 2.50%
Manganese	:	0.70 - 1.30%
Carbon	:	0.15 - 0.25%

### Physical data

Shape	:	Rounded or globular
Colour	:	Light silver grey
Bulk density	:	4.70 kg/l
Specific gravity	:	7.40 kg/l
Hardness	:	28 HRc (280 VPN)

<b>Sizes Available</b>	:	<b>Nominal Size Range</b> (microns)
------------------------	---	--

10	:	60 - 200
20	:	100 - 300
30	:	200 - 400
40	:	300 - 600
60	:	500 - 1000

Pack Size : 25 kg bag

See Guyson MSDS reference 21 for all other details

Turbonox is a non-toxic and non-hazardous product. No special disposal precautions are required for the product once it has been used for blast finishing purposes. However, contamination from a specific application or process must also be considered prior to disposal.