

GUYSON TURBONOX

for use with 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%

Sizes Available:

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

Nominal Size Range (microns)

Pack Size : 25 kg

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)

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

See Guyson MSDS reference 21 for all other details

Guyson International Limited
Snaygill Industrial Estate Keighley Road ▪ SKIPTON ▪ North Yorkshire ▪ BD23 2QR

Tel: +44 (0) 1756 799911 ▪ E-mail: info@guyson.co.uk ▪ Website: www.guyson.co.uk

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