BLAST MEDIA DATA SHEET

GUYSON TURBOGRIT

for use with turbine wheels and dry compressed air systems

GENERAL

Guyson Turbogrit is heat-treated carbon steel grit, produced by crushing oversized shot pellets. When new, this product is angular but during use, the sharp edges will become round. This allows the blasting process to combine the mass effect of the shot with the cutting edge of grit.

Turbogrit would generally be used in wheel/turbine or pressure blast systems, but some of the smaller grits could also be used in suction feed systems.

TYPICAL APPLICATIONS

General engineering, surface treatment, and refurbishment applications. Turbogrit is ideal for the removal of corrosion, plating, weld scale, etc and the preparation of surfaces prior to painting, bonding, etc

Chemical Composition

Carbon Steel Grit

Carbon	:	0.85 – 1.20%
Manganese	:	0.35 – 1.20%
Silicon	:	0.40 – 1.50%
Sulphur	:	0.05% maximum
Phosphorous	:	0.05% maximum

Sizes Available :

Nominal Size Range (microns)

G07	:	180 – 425
G12	:	300 – 710
G17	:	420 – 1000
G24	:	700 – 1200
G34	:	1000 – 1400
Pack Size	:	25 kg bag

Physical Data

Shape	:	Angular
Colour	:	Silver/ Black Metallic
Apparent density	:	Not less than 7g/cc
Hardness	:	40 – 50 HRC (390 – 510 VPN)

Turbogrit 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 before disposal

See Guyson MSDS reference 24 for all other details

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