

DURAMAX Abrasives™

PRODUCT

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DURAMAX is a manufactured abrasive made via world leading technology. With high compressive strength and high hardness, it is an ideal abrasive. Available in three sizes: 18-30, 20-45, 30-80



USES AND ADVANTAGES

- It is three times stronger than natural garnet so that your compressor's power is put to full use.
- DURAMAX can be re-used multiple times.
- Low dusting rates
- No free-silica
- Eco-friendly material, certified by environmental agencies

PHYSICAL PROPERTIES

Characteristic	Test Result
Apparent Density [lb/ft ³]	215 – 225
Loose Bulk Density [lb/ft ³]	144
Hardness [Mohs]	7.5
Moisture	0.06%
Total Crystalline Bulk Silica	0.3%
Particle Shape	Sub-angular/Angular
Colour	Black
Corrosiveness	Duramax is inert

TYPICAL CHEMICAL OXIDE ANALYSIS

Chemical	Typical Value % wt.
Ferric Oxide (Fe ₂ O ₃)	27.0
Calcium Oxide (CaO)	22.0
Magnesium Oxide (MgO)	9.0
Manganese Oxide (MnO)	10.0
Silicon Dioxide (SiO ₂)	18.0
Aluminum Oxide (Al ₂ O ₃)	14.0

WASTE DISPOSAL AFTER USE

Waste Classification: Duramax is generally classified as a non-scheduled waste (apart from residues resulting from surface preparation)

Recycling: Used material can be recycled

NOTICE: Obtain the applicable **LIMITED WARRANTY** at www.targetproducts.com/product-warranty
Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.
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TRACE ELEMENT ANALYSIS

Element	Test Results (wt%)	Element	Test Results (wt%)
Antimony	0.00068	Copper	0.00028
Arsenic	0.00060	Lead	0.00052
Barium	0.0336	Mercury	0.0003
Beryllium	0.00022	Molybdenum	0.0001
Cadmium	0.00003	Nickel	0.0002
Chromium (VI)	Not detected	Selenium	0.0005
Chromium	0.057	Silver	0.0002
Cobalt	0.002	Zinc	0.0015

STANDARD PARTICLE SIZES

- Duramax is available as a sub-angular & angular material – see table for characteristics.
- Oversize and Undersize fractions are max. 10% and max. 5% respectively.

Size (mesh)	Particle Size (mm)	Est. Surface Profile Range (microns)	Est. Consumption (kg/m ²)	Surface Finishing*	Applications
18-30	0.6-1.0	100-110	25-30	SA 2.5	Ship Building
20-45	0.2-0.8	70-90	15-20	SA 3	Oil & Gas
30-80	Under 0.6	40-80	10-15	SA 3	Petrochemical

*Based on ISO 8501-1 Visual Blast Standards

PACKAGING

- 25 kg Bags, 40 per pallet and Shrink-wrapped
- 1,250 kg Bulk Bags: with PE inside liner, packaged one per pallet

