



NaturalGrit™ Organic Abrasives

Product Description and Technical Data:

NaturalGrit™ Organic Abrasives are a family of abrasives manufactured and processed from natural agricultural fibers, to produce a soft blasting media conforming to international standards such as SAE and JIS.

NaturalGrit™ is produced in 3 types, Type A - Apricot; Type C - Corn Cob and Type W - Walnut. The major advantage NaturalGrit™ has over more aggressive abrasives is that fragile components can be cleaned or deflashed without incurring any damage or etching on the underlying surface. The low oil content of NaturalGrit™ makes it an ideal abrasive for deflashing electronic components when no oil residue is permitted to remain on the parts.

The low oil content, along with its low combustion temperature, also makes NaturalGrit™ ideally suited for removing burnt on deposits from automobile superchargers and turbine blades, as an expendable blasting abrasive; the product simply burns off after blasting without leaving any residue. As such, the product finds applications in power generation stations, turbine overhaul factories and in the aerospace industry.

Both Types A and W, the heaviest and the lightest respectively, of NaturalGrit™ are widely used for cleaning moulds, motor armatures and motor drives prior to rewinding. Type C NaturalGrit™ is high absorbent and its main use is mass finishing processes for drying and absorbing water, oil or wax from processed parts and also for fine polishing or brightening of parts.

Being a naturally occurring agricultural product, no hazardous waste is produced by the abrasive, thus environmental concerns and disposal costs are negated.



NaturalGrit™

NaturalGrit™ Abrasive Properties:

NaturalGrit™	Apricot Type A	Corn Cob Type C	Walnut Type W
Fibre Content %	92.2	94.4	90.4
Oil Content %	0.1	0.2	0.4
Water Content %	7.7	5.4	8.7
Hardness (Moh Scale)	3.0 - 4.0	2.0 - 2.5	2.5 - 3.0
Specific Gravity	1.4	1.15	1.28
Bulk Density (kg/m³)	725	600	725
Acidity pH	4 - 6	5 - 7	4 - 6





NaturalGrit™ Organic Abrasives

NaturalGrit™ Available Sizes:

Grade	6/8	12/20	20/30	20/40	30/40	40/60
Microns	2360 - 3350	850 - 1700	600 - 850	425 - 850	425 - 600	250 - 425
Inch	0.090 - 0.131	0.033 - 0.066	0.023 - 0.033	0.016 - 0.033	0.016 - 0.023	0.009 - 0.016
Type	C	A, C	A, C	A, C	A, C	A, C

Grade	8	10	12	16	20	36	46
Microns	2360	2000	1700	1180	850	425	355
Inch	0.093	0.079	0.067	0.046	0.033	0.016	0.014
Type	W	W	W	W	W	W	W

Other sizes available upon request

NaturalGrit™ Packaging:

20kg Bags	0.5 Tonne Pallet (25 x 20kg Bags)
-----------	-----------------------------------

NaturalGrit™ Ordering Information:

Stock Code	AXX-YY-ZZ
Key	XX - AG for Type A Apricot Grit XX - OT for Type C Corn Cob XX - WS for Type W Walnut YY - Upper Mesh Size (e.g. YY = 06 for Mesh 6/8) ZZ - Lower Mesh Size (e.g. ZZ = 08 for Mesh 6/8) - Blank for Single Mesh

