One Stop Local Supply Source
Global Products - Local Service
PanAbrasives

MillRite™ Milling Beads

Product Description and Technical Data:

MillRite™ is used for dispersion, microcrushing and mixing of dyes, pigment, paint and magnetic materials.

The product has a high degree of roundness - greater than 85% and finds extensive applications in the manufacturing process of dyes and paints, powdered chemical blending and manufacture, selected food industries, architectural or decorative usage, etc...

MillRite™ has a high compressive strength, making it suitable for mixing of magnetic materials in ball mills and is used extensively in the resin manufacturing industries for blending of resins, pigments, etc...

It also is used for fiber filtration and chemical waste fluid filtration.

MillRite™ is chemically inert but may react to highly concentrated hydrofluoric and sulfuric acids.


MillRite™

MillRite™ Abrasive Properties:

Shape	Powder
Hardness (Moh Scale)	> 6.0
Refractive Index	> 1.5
Particle S.G.	2.5
Colour	White
Compressive Strength (kg/mm²)	58

Typical Chemical Composition

SiO_2 %	> 70
CaO %	7 - 12
MgO %	1.0 - 4.5
Al_2O_3 %	0.8 - 1.0
R2O %	13 - 15
Magnetic Particles %	< 0.1
Roundness %	> 85



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MillRite™ Available Sizes:

Grade	JM-20	JM-30	JM-40	JM-50	JM-60	JM-70	JM-80
Size (mm)	0.85 - 1.18	1.00 - 1.40	1.40 - 2.00	1.70 - 2.40	2.00 - 3.00	2.40 - 3.40	3.00 - 4.00
Size (Mesh)	20 - 14	16 - 12	12 - 9	10 - 8	9 - 7	8 - 6	6 - 4

MillRite™ Packaging:

25kg Bags	1 Tonne Pallet (40 x 25kg Bags)

MillRite™ Ordering Information:

Stock Code	AGB-JMXX
Key	XX - Product Grade (e.g.XX = 20 for JM-20)

Precision Performance In Every Bead



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www.linkedin.com/company/pan-abrasives