Nordkalk Myanit

Nordkalk Myanit (white marble) is a crystalline dolomite. Typical properties are its high and even whiteness and the good durability of the material. The raw material is mined from our own deposits in Glanshammar and Sala.

Safety data sheets are available for professional users upon request. Delivery form: Bag, big bag and bulk.

Technical data	
Structure	Crystalline
Crystal lattice	Hexagonal rhombic
Hardness Mohs scale	3-4
Density g/cm^3	2,85
pH	9,5-10,5
Moisture content % ISO 787/2	<0,3

Fine products

Product	Product grade	Plant	Top cut (d98%) µm	Median particle size d_{50} (µm)	Oil absorption ISO 787/5	Brightness d R457 (%) ISO	Specific Surface BET, m^2/g	Bulk density loose	Packed bulk density
Myanit	0-10	Glanshammar	12	4	22	92	4	0,8	1,2
Myanit	0-20	Glanshammar	20	5	19	91	3	0,8	1,3
Myanit	A6	Sala	20	7	20	92	1,9	0,7	1
Myanit	0-30	Glanshammar	30	7	17	91	2,4	0,9	1,4
Myanit	A8	Sala	30	9	18	91	1,6	0,9	1,1
Myanit	A10	Sala	32	10	16	90	1,4	0,9	1,2
Myanit	0-70	Glanshammar	70	12	14	90	1,8	1,1	1,6
Myanit	A16	Sala	70	20	16	89	0,8	1,1	1,4
Myanit	10-70	Glanshammar	70	18	17	89	1,2	1,1	1,6
Myanit	30-70	Glanshammar	70	28	20	87	0,7	1,2	1,7
Myanit	C23	Sala	125	25	15	-	0,7	1,2	1,5
Myanit	A20	Sala	125	35	14	88	0,6	1,2	1,4
Myanit	C25	Sala	150	30	13	-	0,6	1,3	1,5
Myanit	0-200	Glanshammar	175	40	14	88	0,9	1,5	1,8
Myanit	E	Glanshammar	250	45	-	87	0,8	1,6	1,9
Myanit	A30	Sala	200	40	14	87	0,6	1,3	1,7
Myanit	C	Glanshammar	300	55	-	87	0,6	1,6	2
Myanit	A34	Sala	500	125	14	86	0,35	1,4	1,7
Myanit	C45	Sala	>300	55	-	-	1,2	1,6	1,8
Myanit	A40	Sala	500	125	-	85	0,3	1,5	1,7

The information presented above is based on long term average values and should not be interpreted as binding specifications. Values given for guidance only.

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Coarse products

Product	Product grade	Plant	Fraction limits (mm)	Bulk density loose	Packed bulk density
Myanit	A50	Sala	0-1	1,5	1,7
Myanit	B	Glanshammar	0,2-0,7	1,6	1,7
White marble	D	Glanshammar	0,1-1	1,6	1,8
White marble	S 0,2-1	Sala	0,2-1	1,6	1,8
White marble	GL	Glanshammar	0-1,6	1,9	2,1
White marble	00	Glanshammar	0,6-1,6	1,6	1,7
White marble	OSP	Glanshammar	1-3	1,6	1,7
White marble	0	Glanshammar	1-3	1,6	1,7
White marble	S 0,5-3	Sala	0,5-3	1,5	1,6
White marble	S 0-3	Sala	0-3	1,7	1,9
White marble	S 1-2	Sala	1-2	1,5	1,7
White marble	S 1-3	Sala	1-3	1,5	1,6
White marble	F5	Glanshammar	3-5	1,5	1,6
White marble	S 3-5	Sala	3-5	1,5	1,6
White marble	F8	Glanshammar	3-8	1,5	1,6
White marble	S 5-8	Sala	5-8	1,5	1,6
White marble	S 8-12	Sala	8-12	1,5	1,6
White marble	F12	Glanshammar	8-16	1,5	1,6

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Chemical Analysis

Mineral: Dolomite, Calcium Magnesium Carbonate, $CaMg(CO_3)_2$

Glanshammar

Calsium	CaO	29,4%
Magnesium	MgO	21,0%
Silicon*	SiO_2	3,5%
Iron	Fe_2O_3	0,5 %
Aluminum	Al_2O_3	0,7%
Manganese	MnO_2	0,1%
Phosphorus	P	<0,01%
Loss on Ignition LoI		44,3%

*(of which crystalline quartz <0,5%)

Sala

Calsium	CaO	30,2%
Magnesium	MgO	20,6%
Silicon*	SiO_2	3,6%
Iron	Fe_2O_3	0,5 %
Aluminum	Al_2O_3	0,6%
Manganese	MnO_2	0,1%
Phosphorus	P	<0,01%
Loss on Ignition LoI		44,0%

*(of which crystalline quartz <0,5%)