

# MOLVER MGM 01

*“MOLECULAR SIEVES”*

## DESCRIPTION

- MOLVER MGM 01 molecular sieve, which is used in insulated glass industry, has been a standard product of FENZI. It is a kind of molecular sieve desiccant that can provide the insulated glass industry with comprehensive functions of high adsorbent ability to water content as well as low dust index. This product can be used in any of insulated glass system.

## PROPERTIES

- Molver MGM can be used in the processing of sealed system with low-level solvent. MOLVER MGM 01 has a very long lifetime due to its low adsorption of air. Because of its low level of air adsorption, it can reduce, in a large degree, stress and bending of the glass.

## SPECIFICATIONS

ITEM	UNIT	SPECIFICATIONS		
		4065 C1	4065 C2	4065 C3
Product code		4065 C1	4065 C2	4065 C3
Bead size	mm	0.5 – 0.9	1.0 – 1.5	1.5 – 2.0
Adsorption Capacity H <sub>2</sub> O at 23 °C, 32 RH% (EN 1279-2)	% wt	≥ 20	≥ 20	≥ 20
Bulk Density	g/ml	0.70 – 0.80	0.70 – 0.80	0.70 – 0.80
Crush Strength	N	na	≥ 14	≥ 20
Residual water content 2hrs at 950 °C (EN 1279-2)	% wt	≤ 1.5	≤ 1.5	≤ 1.5
Gas Desorption	ml	negligible	negligible	negligible
ΔT (Delta-T values)	°C	≥ 30	≥ 30	≥ 30
Bead size distribution	% wt	≥ 98	≥ 98	≥ 98
Dust Index	NTU	≤ 40	≤ 40	≤ 40

## PACKING

- 25 kg carton boxes, plastic foil bags vacuum packed
- 150 kg air tight steel drums (Bead size 0.5 – 0.9, Product code 4065 C4)

## STORAGE

- Two years tightly closed packaging in dry and fresh room conditions.

## NOTE

For further information please contact our Technical Service +39 02 906221 and/or e-mail [lab@fenzigroup.com](mailto:lab@fenzigroup.com)