

MATRIX 3A IG

FOR INSULATING GLASS

DESCRIPTION

Matrix 3A IG is manufactured for the constant adsorption of moisture from the interspaces of two panes of insulating glass. This constant desiccation helps maintain the dew point inside the panes, which minimizes the pressure differences that would eventually cause distortion or breakage. This product can dramatically extend the lifespan of an insulating glass unit and offers high water capacity and high solvent capacity, which protects against cleaning solvents and paints.

- used to increase the quality of insulating glass windows
- capable of removing water and maintaining the inside dew point
- allows double pane windows to have an extended lifespan
- offers low dust and attrition properties as well as low gas desorption

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve								
Matrix 3A IG		Beads						
Property	Unit	20x35 Mesh	18x35 Mesh	16x25 Mesh	12x18 Mesh	10x16 Mesh	10x14 Mesh	7x12 Mesh
Diameter	mm	0.5-0.8	0.5-1.0	0.8-1.2	1.0-1.5	1.2-1.8	1.5-2.0	1.6-2.5
Bulk Density	g/mL (lb/ft ³)	≥0.75 (≥46.8)	≥0.75 (≥46.8)	≥0.75 (≥46.8)	≥0.75 (≥46.8)	≥0.75 (≥46.8)	≥0.74 (≥46.2)	≥0.74 (≥46.2)
Static Water Adsorption	wt%	≥20.0	≥20.0	≥20.0	≥20.0	≥20.0	≥20.0	≥20.0
Moisture Content	wt%	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Packaging Options	Super Sack options; 150kg (330.7lb) / Drum; 25kg (55.1lb) / carton with foil bag							

INDUSTRIES USED

insulating glass

STORAGE

As an adsorbent, molecular sieve should not be left exposed to open air and should be stored in dry conditions with air-proof packaging. This product should not be exposed to temperatures exceeding 230°C (450°F).

CONNECT WITH US...

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