



Molecular Sieves

Insulating Glass Desiccants

Insulating Glass Desiccant Molecular Sieves are used to adsorb moisture and organic residues confined in insulating glass. It keeps insulating glass clear and transparent even at very low temperature. It reduces the glass distortion caused by daily temperature change.

Properties	IGD-03			IGD-02		
	0.5-1.0	1.0-1.5	1.5-2.0	0.5-1.0	1.0-1.5	1.5-2.0
Beads Size (mm)	0.5-1.0	1.0-1.5	1.5-2.0	0.5-1.0	1.0-1.5	1.5-2.0
Static Water Adsorption Capacity (RH=60%) >= %	19	19	19	19	19	19
Bulk density (g/L)	740	740	740	740	740	740
Qualified ratio of granules/beads, >= %	98	98	98	98	98	98
Crushing strength (lb), >=	2	4	6	2	4	6
Abrasion loss, <= %	0.2	0.2	0.2	0.2	0.2	0.2
Adsorption Temperature Increase (25g/25cc), >= (°C)	40	40	40	40	40	40
Nitrogen Adsorption (mg/g), <=	2.0	2.0	2.0	2.0	2.0	2.0
Organic Adsorption	No	No	No	Yes	Yes	Yes
Water Content, <= %	1.5	1.5	1.5	1.5	1.5	1.5
Part Numbers (Packaged in 330lb air tight steel drums)	IGD-03-0510d	IGD-03-1015d	IGD-03-1520d	IGD-02-0510d	IGD-02-1015d	IGD-02-1520d
Part Numbers (Packaged in 55lb vacuum sealed bags and boxes)	IGD-03-0510b	IGD-03-1015b	IGD-03-1520b	IGD-02-0510b	IGD-02-1015b	IGD-02-1520b

Storage

Keep container sealed at all times to prevent exposure to air moisture during storage. Once open the package, use it as soon as possible.