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Molecular Sieve JLHA-100

JLHA-100 silver molecular sieve is a new generation of high-efficiency hydrogen absorbing material used in the vacuum interlayer of high-vacuum multi-layer insulation containers. It can effectively adsorb the slowly released H2 of carbon steel, stainless steel, insulation materials, etc., so as to ensure that the interlayer always maintains super High vacuum. JLHA-100 silver molecular sieve adopts brand new small-crystal molecular sieve synthesis technology, fully crystalline molecular sieve carrier molding technology and active silver ion loading and activation technology, so that it has excellent mechanical strength, hydrogen absorption rate and hydrogen absorption capacity at the same time.

Technical Specification:

Property	Unit	Bead	Note
Diameter	mm	1.2-1.6	~
Loss on Ignition	%wt	≤1.5	500℃,2h
Bulk Density	g/ml	≥0.9	Tapped
Specific surface area	m2/g	≥300	Liquid nitrogen
Crush Strength	N	≥12.00	Avg. 20 beads
Heat-resistant temperature	℃	≤500℃	~