DG Palladium

Deoxidant Catalyst

Description

DG Palladium is a specially manufactured deoxidant that can be used to purify inert gases. Under normal temperature, the air rate is 4,000-12,000/h and will ideally catalyze after one pass through the catalyst bed. The recommended regeneration conditions for this catalyst are a hydrogen speed of 1,000/h with a temperature of 350˚C *(662˚F)* for two hours.

- offers high activity and shows increased efficiency when hydrogen is added
- can be used in chemical production, lighting industry, metallurgy, and more
- can be regenerated and used again or replaced when needed
- offers a high crush strength, a long lifespan when used as a deoxidant, and easy operation

Specifications

Catalyst			
DG Palladium			
Property	**Unit**	**Beads**	
Particle Size	mm	1.6 - 2.5	3.0 - 5.0
Palladium Content	wt%	0.1, 0.5, 0.8	0.1, 0.5, 0.8
Bulk Density	g/mL *(lb/ft^3)*	0.70-0.76 *(43.7-47.5)*	0.70-0.76 *(43.7-47.5)*
Crush Strength	N *($lbm*ft/s^2$)*	≥60 *(≥13.4)*	≥100 *(≥22.4)*
Packaging Options	150kg *(330.7lb)* / Drum; 30kg *(66.1lb)* / Drum		

Industries Used

chemical industry
deoxidant
light bulbs
light industry
metallurgy
purification of inert gases (argon, helium, krypton, neon, xenon, etc.)

Storage

This product should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

Connect with us…

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