

HYDROFLO A PC

FOR HYDROGEN GENERATION



DESCRIPTION

HydroFlo A PC is a specially manufactured deoxidant catalyst that can be used to generate high purity streams of hydrogen. The special formulation of this product allows oxygen to be chemically removed from feed streams. Under normal temperature, the air rate is 4,000-12,000/h and will ideally catalyze after one pass through the catalyst bed.

- offers high activity as a deoxidant catalyst
- can be used in chemical production, lighting industry, metallurgy, refining, 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		Beads					
HydroFlo A PC		8x12 Mesh			4x8 Mesh		
Property	Unit						
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

hydrogen generation

STORAGE AND HANDLING

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

CONNECT WITH US...

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