

NITROFLO A PC

FOR NITROGEN GENERATION



DESCRIPTION

NitroFlo A PC is a specially manufactured catalyst that is used as a deoxidant to generate high purity streams of nitrogen. The special formulation of this product allows oxygen to be chemically adsorbed 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
- can be used to generate high purity streams of nitrogen
- 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	
NitroFlo 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

nitrogen 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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