

AIRFlo A PC

DEOXIDANT CATALYST



DESCRIPTION

AirFlo A PC is manufactured for use as a deoxidant to purify gases such as argon, helium, hydrogen, krypton, neon, nitrogen, xenon, and more. Under normal temperature, the air rate is in 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 for two hours.

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

SPECIFICATIONS

Catalyst			
AirFlo A PC			
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 <i>(lb/ft³)</i>	0.70-0.76 <i>(43.7-47.5)</i>	0.70-0.76 <i>(43.7-47.5)</i>
Crush Strength	N <i>(lbm*ft/s²)</i>	≥60 <i>(≥13.4)</i>	≥100 <i>(≥22.4)</i>
Packaging	Beads	150kg <i>(330.7lb)</i> / Drum	30kg <i>(66.1lb)</i> / Drum

INDUSTRIES USED

chemical industry deoxidant light bulbs
light industry metallurgy
purification of gases (argon, helium, hydrogen, krypton, neon, nitrogen, xenon)

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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ISO 9001:2008



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