

EndoCube Catalyst

GAS REFORMING CATALYST FOR ENDOTHERMIC GAS GENERATORS

General Description

'EndoCube' is a 6% Nickel catalyst on an alumina/silica base.

Product Use

Autothermal reforming of various hydrocarbons in endothermic gas production (Wild Barfield, Birlec, Ipsen, Wellman, British Furnaces and others)

Benefits

- Consistent quality
- Size and shape give optimum performance with regard to exposed surface area and low pressure drop.
- Extremely robust such that there is no appreciable disintegration after several years of use, under normal operating conditions.
- Thermally stable at temperatures up to 1100°C and negligible shrinkage.
- Impregnation method allows nickel to penetrate well into the base material, minimising the effect of nickel loss during usage.

Physical Properties

Form	:	19mm cubes
Packing Density	:	500kg/m ³
Cold Crushing Strength	:	35kg/cm ²
Chemical Composition (typical)		
NiO		6% average
Fe ₂ O ₃	<	1.5%
Support		Balance (Al ₂ O ₃ / SiO ₂)

Shipping & Handling

- Available packed in plastic lined 25kg cardboard boxes.
- Box dimensions - 410mm x 410mm x 410mm.
- Avoid contact with skin and clothing.
- Avoid breathing dust.
- Do not take internally.
- Please refer to material datasheet for further information.



For more information:

Daleside Road
Nottingham
NG2 3GJ
England



A PARTNER OF
RICHELIN
Heat Treatment Systems

Tel: +44 (0)115 986 8773
Fax: +44 (0)115 968 2977
E.mail: sales@almor.co.uk
Web: www.almor.co.uk