

Technical Data Sheet

Revision Date: 02/28/2014

Product Name: Activated Carbon Monolith Catalyst-Nickel (ACMC-Ni)

Description: Nickel contained on an activated carbon monolith support for use in various catalytic reactions

Identification: Ni-1000-101H

Technical Data

Metal Type: Nickel
Metal Loading: 1000 g/ft³ (9-11 wt% Ni)

Activated Carbon Type: Proprietary wood carbon
Carbon Loading: H
Nominal Cell Density: 400 CPSI
Specific Cell Density: 350 to 550 CPSI
Open Frontal Area: 0.6 – 0.75
Web Thickness: 8-11 mil

Surface Area (Nitrogen BET)= 400-600 m²/g
Pore Volume = 0.45-0.55 mL/g

Dimensions: Specify:
Diameters: 3/8", 1/2", 3/4", 1", 1.5", 2" or 2"x2" block
Lengths: 1" for diameters less than 1", Up to 10" for diameters of 1-2". Up to 16" for 2x2" block.

Other Information: Alternative metal/ metal oxide types or loadings and alternative carbon types and loadings are available on request.

Precautions: Please refer to the appropriate material safety data sheet (MSDS) prior to use of this product