



# Technical Data Sheet

Revision Date: 04/02/2014

Product Name: Activated Carbon Monolith Catalyst-Palladium

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

Identification: APMC-Pd-80-101H

## Technical Data

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Metal Type:	Palladium
Metal Loading:	80 g/ft <sup>3</sup> (0.75-0.85 wt% Pd)
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 m <sup>2</sup> /g
Pore Volume:	0.45-0.55 mL/g
Hydrogenation activity:	0.30 mol nitrobenzene /mol Pd s (Fixed bed 1"x6", 300 psi, 80 °C, 30 LHSV hr <sup>-1</sup> )
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 are available on request.

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