



## Fuel Cell Catalyst

*High Performance and Corrosion Resistant Platinum Fuel Cell Electrocatalyst*

### Technical Specification

Catalogue No	Sample Description	Pt Crystallite Size, nm	Metal, Pt %	ECSA, m <sup>2</sup> /g
<b>PTHD5</b>	5% Pt/ HD Carbon	<1.5	5	115
<b>PTHD10</b>	10% Pt/ HD Carbon	<2	10	95
<b>PTHD15</b>	15% Pt/ HD Carbon	2.5-3.0	15	85
<b>PTHD20</b>	20% Pt/ HD Carbon	2.5-3.0	20	80
<b>PTHD30</b>	30% Pt/ HD Carbon	3.0-3.5	30	74
<b>PTHD40</b>	40% Pt/ HD Carbon	3.0-3.5	40	70
<b>PTHD50</b>	50% Pt/ HD Carbon	3.0-3.5	50	64
<b>PTHD60</b>	60% Pt/ HD Carbon	3.5-4.0	60	60
<b>PTHD80</b>	80% Pt/ HD Carbon	3.5-4.0	80	57

HD Carbon = High Durable Carbon

Impurities:

Cl<sup>-</sup> < 300 ppm

Na<sup>+</sup> & K<sup>+</sup> < 100 ppm

**Enhanced Metal Stability >200° C; Superior Oxidation Stability and Corrosion Resistant; Maximum Electrochemical Surface Area; Outstanding Platinum Particle Dispersion and Uniformity; High Durability and Performance; Carbon Corrosion Resistant**

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