



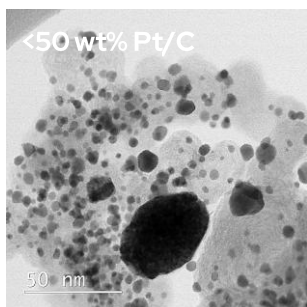
Catalyst family	Catalyst chemistry	Pt loading [wt%]	ECSA(CO) _{RDE} [m ² /g _{Pt}]	Carbon support
GEN 2	Pt or Pt-alloy (Co or Ni)	30	70-100	High surface area carbon
	Pt or Pt-alloy (Co or Ni)	40	60-85	
	Pt or Pt-alloy (Co or Ni)	50	50-70	
	Pt	60	50-60	
GEN 3	Pt or Pt-alloy (Co or Ni)	50	75-90	Mesoporous carbon
	Pt or Pt-alloy (Co or Ni)	60	70-85	
	Pt	70	65-80	
CUSTOM SOLUTIONS	Pt or Pt alloy (Co or Ni)	30-70*	50-100*	Carbon of your choice

* Optimal Pt loading and ECSA possibilities depend on the specific carbon support properties

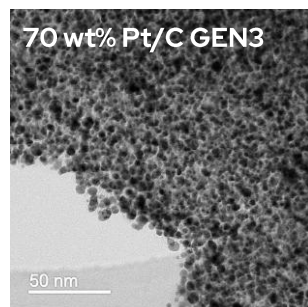
Catalyst family	Single cell performance	Conditions	Pt loading (cathode)
GEN 2	2 A/cm ² @ 0.67 V in air/H ₂	Hot-wet (80 °C, 90% RH, 2 bar)	0.24 mg _{Pt} /cm ²
	2 A/cm ² @ 0.61 V in air/H ₂	Hot-dry (85 °C, 30% RH, 2 bar)	
GEN 3**	2 A/cm ² @ 0.70 V in air/H ₂	Hot-wet (80 °C, 90% RH, 2 bar)	0.30 mg _{Pt} /cm ²
	2 A/cm ² @ 0.67 V in air/H ₂	Hot-dry (85 °C, 30% RH, 2 bar)	

** GEN 3 enables robust operation under a wide range of relative humidities

Competition/SotA (30-50 wt% Pt)



ReCatalyst GEN 3 (up to 70 wt% Pt)



- ReCatalyst combines unique patented IP on both platinum deposition as well as catalyst features
- We offer next-gen catalyst solution for low-temperature and high-temperature PEM fuel cell cathodes as well as PEM and AEM water electrolysis cathodes
- Each product generation represents a portfolio of products
- We are able to maintain the quality of the precious metal dispersion at as high as 70 wt% of platinum on carbon
- Our products have already been demonstrated in large industrial single-cells as and up to a short-stack

