

Nonstick Coatings for Kitchen Electrics



PTFE and Sol-Gel technology
for kitchen electrics



We protect and beautify the world™



Kitchen electric coatings from PPG

At PPG, our mission is to protect and beautify. For kitchen electrics, that means adding not just an eye-catching color, but the durability, safety and performance consumers expect.

Our innovations are suitable for a broad range of products and backed by more than 125 years of innovation and a commitment to quality, performance and sustainability that drives confidence in the kitchen.

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Our coatings cover just about everything

From bread makers and rice cookers to waffle irons and air fryers, our comprehensive line of non-stick coatings can be used on nearly any kitchen electric or countertop appliance. They offer the unique combination of excellent non-stick performance and durability, available in both PTFE and Sol-Gel technology.

Coatings can be developed to meet specific color, texture and visual effects, all while remaining food-contact compliant.

A global partner with a local presence

Feel confident choosing a partner in PPG who offers you the combination of global solutions and a local presence. All of our coatings have been formulated to meet the strict requirements you face today, with our teams keeping an eye toward the future.

Unique Benefits

- Coatings are available in one-, two- or three-coat systems
- Select coatings include unique additives for added durability
- Coatings are available at a wide range of price points
- Select coatings offer specific performance characteristics, making them ideal for use on rice cookers, air fryers and indoor grilles
- All coatings are specifically formulated without PFOA

Suggested markets

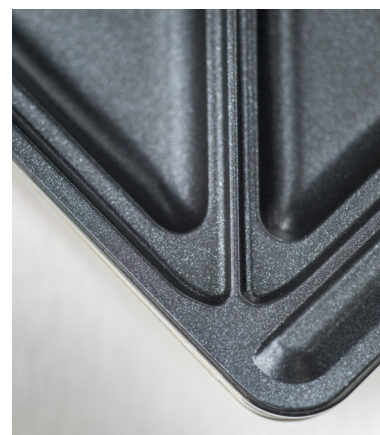
Consumer Kitchen electrics

Suggested end uses

Kitchen electric coatings

Application Technologies

Spray

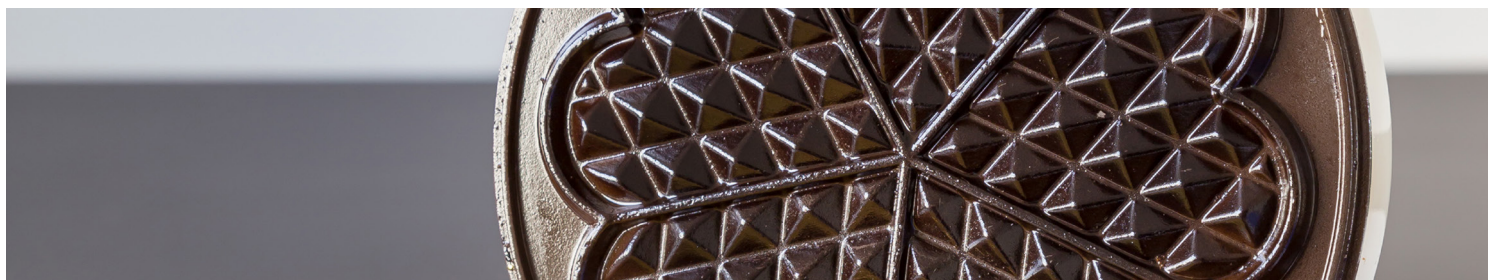




Applications for kitchen electrics

System	Coating Type	Product Name	Availability	Product Identifier	Chemistry	Features >	< Customer benefit
Waterborne	1 coat	XYLAN®	EMEA	8333 (metallic)	PTFE	One-coat system offering nonstick properties	Provides a cost-effective solution for entry-level products
		Xylan	AP	8350	PTFE	One-coat system offering nonstick properties	Provides a cost-effective solution for entry-level products
Solventborne	1 coat	Xylan	AP	8343 (metallic)	PTFE	One-coat system offering nonstick properties	Provides a cost-effective solution for entry-level products
Waterborne	1 or 2 coat	FUSION®	EMEA + AP	8088 Primer	Sol-gel (Ceramic coating)	Very hard durable nonstick	Offers improved wear resistance compared to entry-level PTFE coatings
				8089 Topcoat		PTFE non intentionally added	Provides an alternative to fluoropolymer technology
Solventborne	1 or 2 coat	XYLAC®	Global	4700	Silicon polyester	Temperature resistant exterior	Allows end-users to combine with a range of interior coatings to offer a complete system
						Wide range of colors and effects available	Suits a brand range of aesthetic preferences
						NMP non intentionally added	Offers an alternative for customers
Waterborne	2 coats	Xylan Plus	EMEA	8255 Primer 8257 Topcoat	PTFE	Two-coat system with enhanced nonstick properties	Offers extended product life compared to one-coat systems
Waterborne	2 coats	Xylan Plus	AP	8294 Primer 8253 Topcoat	PTFE	Two-coat system with enhanced nonstick properties	Offers extended product life compared to one-coat systems
Waterborne	2 or 3 coat	TETRA®	EMEA + AP	701 Primer	PTFE	Higher permeation resistance compared to other PTFE coatings*	Ideal for specialized applications such as rice cookers
				702 Midcoat			
				703 Topcoat			
Waterborne	3 coat	QUANTUM®2	EMEA + AP	7131 Primer	PTFE	Internally reinforced coating	Improves abrasion resistance compared to standard PTFE coatings
				7232 Midcoat			
				7333 Topcoat			
		QUANTANIUM®	EMEA	7141 Primer	PTFE	Titanium reinforced PTFE coating	Creates a uniquely durable coating for longer product use compared to Quantum2 coatings
				7242 Midcoat			
				7343 Topcoat			

*Passes more than 2,000 cycles of rice cooking. A cycle is equivalent to 1 hour in boiling alkali water.



Performance		Substrates						VOCs with exemptions		Cure	Application		Sub Segment	
Quality	DFT (µm)	Pressed Aluminum	Forged Aluminum	Cast Aluminum	Hard Anod. Aluminum	Carbon Steel	Aluminized Steel	≤ 420 g/L	≥ 421 g/L	Recommended Cure Profile	Conventional Spray	Electrostatic spray	Interior	Exterior
Good	18 - 25	✓	✓	✓	✓		✓	✓		Various	✓		✓	
Good	18 - 25	✓	✓	✓	✓		✓		✓	Various	✓	✓	✓	
Good	18 - 25	✓	✓	✓	✓	✓	✓	✓		Various	✓		✓	
Good	35 - 45	✓	✓	✓	✓		✓		✓	280-300°C 536-572°F	✓		✓	
Good	15 - 25	✓	✓	✓		✓	✓		✓	275°C 527°F	✓	✓		✓
Better	18 - 25	✓	✓		✓		✓	✓		380-420°C 716-788°F	✓		✓	
Better	18 - 25	✓	✓	✓	✓		✓	✓		380-420°C 716-788°F	✓		✓	
Best	15 - 30	✓	✓		✓		✓	✓		400-430°C 752-806°F	✓		✓	
Best	25 - 35	✓	✓	✓	✓		✓	✓		380-420°C 716-788°F	✓		✓	
Best	30 - 40	✓	✓	✓	✓		✓	✓		380-420°C 716-788°F	✓		✓	





PPG: WE PROTECT AND BEAUTIFY THE WORLD™



A trusted global coatings leader

Operations in 70 countries, with 150+ manufacturing facilities and 70,000+ employees



Renowned color expertise

Trend-setting palettes for home, kitchen, auto and industry paired with unrivaled color matching



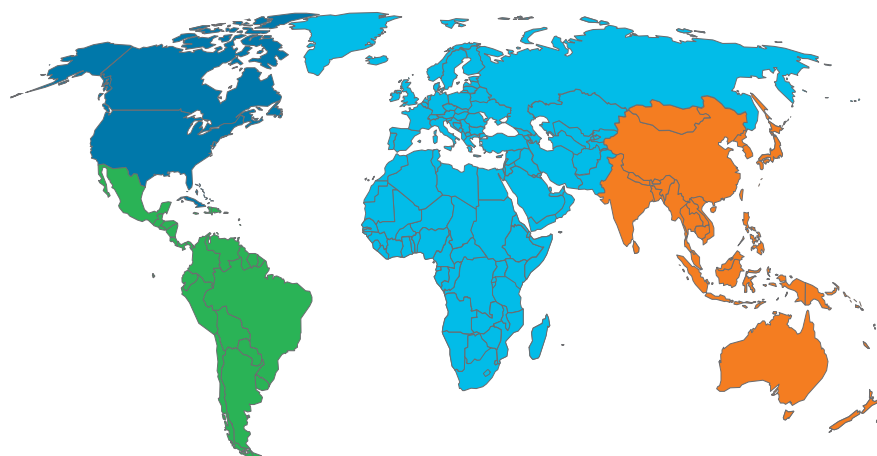
Commitment to sustainability

Over 30% of annual sales from sustainably advantaged products and processes



Dedication to innovation

3,500+ technical employees and \$470+ MM average annual R&D investment



Industrial coatings from PPG

- World-class technical services and training
- Help meeting specific, coatings-related environmental mandates
- Assistance setting up new equipment and identifying areas where your processes may be streamlined
- Troubleshooting production issues
- SECURE LAUNCH EXCELLENCE™ accelerated custom product formulation and color development process

To learn more about PPG coatings, please visit us online at ppgindustrialcoatings.com, or contact one of the international sales offices listed below.

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