

Washington Penn Plastic

Antimicrobial Technology

Product Description: Washington Penn Plastic formulates with a multitude of Antimicrobial Technologies to combat microbe growth on polypropylene surfaces. Use of these technologies can reduce living bacteria by more than 99% compared to untreated plastics.

Typical Applications:

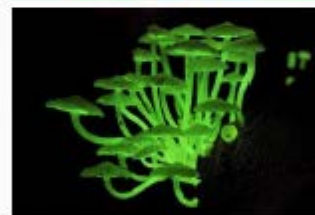
- Device Housings
- Handles
- Bed Rails
- Arm Rest
- Seat Backs

Key Characteristics:

- Antimicrobial Protection
- Wide Range of Offerings
 - Glass Reinforced
 - Mineral Reinforced
 - TPE
 - TPO

Washington Penn Plastic custom formulates products with the Antimicrobial Technology to meet specific product requirements including strength, stiffness, impact, dimensional stability and more. The bacteria, fungi and algae protection provides addition product benefits to markets such as healthcare, furniture and consumer.

Please contact us to learn how WPP can customize an **Antimicrobial** solution to meet your application needs.



Test Results Against Escherichia Coli in Accordance with JIS Z 2801-2010

	Sample	Number of Living Bacteria			Antimicrobial activity value against blank	Reduction (%)
		At beginning (per cm2)	After 24 hrs (per piece)	After 24 hrs (per cm2)		
20% CaCO3	Standard (S123801)	8.8 x 103	1.0 x 104	6.5 x 102	-	-
	Antimicrobial (S123802)	8.8 x 103	<1 x 102	<6.3	>2.0	>99
27% Mineral & Glass Fiber	Standard (S123806)	8.8 x 103	1.0 x 104	6.5 x 102	-	-
	Antimicrobial (S123807)	8.8 x 103	<1 x 102	<6.3	>2.0	>99

Washington Penn Plastic Company, Inc. is a leading provider of polypropylene and polyethylene-based compounds. For more than 60 years, WPP has worked with customers to discover, innovate, and develop practical polyolefin solutions.

Key Technologies & Offerings:

- Mineral Reinforced
- Glass Fiber Reinforced
- TPO and Soft Touch TPE
- Masterbatches
- Light Weight and Sustainable Reinforcing Agents
- Flame Retardants
- UV Stabilization
- Scratch & Mar

Markets We Serve:



Automotive



Appliances



Construction



Consumer



Packaging

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