

ANTIMICROBIAL TECHNOLOGY



UNIFORM COLOR
An AUDIA[®] Company

**A Spectrum of
Solutions.[™]**

Protect against microbial growth.

Safeguard against microbes and combat microbial growth on plastic surfaces with Uniform Color Company's Antimicrobial Technologies.

At Uniform Color Company, we want to provide you with the right solution. That's why products with our Antimicrobial Technology are tailored to your specific microbe needs such as bacteria, fungus, algae, and certain virus growth on surfaces. Applications used in healthcare, automotive, consumer, and more can benefit from our antimicrobial solutions, particularly in environments where microbes can grow. Use of these technologies can reduce up to 99.9% in microbes in a two-hour period.*

If you have a specific need, **contact us** so we can better understand your required specifications and help find a solution that's right for you.

Key Characteristics:

- Antimicrobial protection
- Wide range of offerings
 - Polyolefins
 - Styrenics
 - Engineered Resins
 - TPE
- Test results against Escherichia Coli and Staphylococcus Aureus

Typical Applications:

- Exposed plastic surfaces
- Device housings
- Handles
- Arm rest
- Seat backs

* This is only just a sampling of our tests

Our Solutions

Standard Grades	Carrier	LDR	Polymer Compatability						
			PP/PE	TPO/TPE	ABS	PA	HIPS	PC	PET
30-AG50	LLDPE	50:1	X	X					
30-AG100	LLDPE	100:1	X	X					
10-AG50	ABS	50:1			X				
50-AG50	PA	50:1				X			
20-AG50	HIPS	50:1					X		
60-AG50 [Clear]	PC	50:1						X	
54-AG50 [Clear]	PET	50:1							X

Standard Grades	Carrier	LDR	Food Contact		Environmental Compliance*	
			US	EU	EU REACH	US EPA
30-AG50	LLDPE	50:1	Y	Y	Y	Y
30-AG100	LLDPE	100:1	Y	Y	Y	Y
10-AG50	ABS	50:1	Y	Y	Y	Y
50-AG50	PA	50:1	Y	Y	Y	Y
20-AG50	HIPS	50:1	Y	Y	Y	Y
60-AG50 [Clear]	PC	50:1	Y	Y	Y	Y
54-AG50 [Clear]	PET	50:1	Y	Y	Y	Y

* EU Regulation 528/2012 registered. Active substance considered registered under REACH (Article 15, 1907/2006).

* EPA compliant under Treated Articles Exemption, 40 CFR 152.25(a).

Possibilities Customized

- Tailored letdown ratios possible
- Numerous carrier resin options available
- May be combined with custom color in one masterbatch
- Masterbatch and pre-colored compounds available

Tested Effectiveness

Grade	Application	Reduction in Microbes
	Polymer	In 2 hours*
30-AG50, 30-AG100	Polypropylene	99.93%
30-AG50, 30-AG100	Pro-Touch®	99.97%
10-AG50	ABS	99.92%
50-AG50	PA6	99.98%

* Test Results per ISO 22196 Testing Methodology

Partnership

In collaboration with our additive suppliers, we are able to support our customers with regulatory, marketing, and labeling support for the application.

www.uniformcolor.com

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