



Hospital Chemical/Cleaner resistance

Method

ASTM D638 Type I:

tensile samples were continuously subjected to wet cleaners for 24 hours at room temperature at flexural strains ranging from 0.4% to 1.0%.

Pass criteria were absence of visual cracking and >95% retention of tensile strength, referenced to control samples held at the same strain but not subjected to cleaners.

- *“**R**esistant” samples passed at 1.0% strain or higher.*
- *“**L**imited resistance” samples failed at 1.0% strain but passed at strains at or above 0.4%.*
- *“**N**ot resistant” samples failed at 0.4% strain.”*



Test table

Rating based on absence of visual cracking and >95% retention of tensile strength

	CaviCide™	CaviWipes™	Chlorhexidine Gluconate 2%	Cidex® OPA	Clinell® Universal Wipes	Clorox® bleach (1:10 in water)	Clorox® Disinfecting Wipes (lemon)	Clorox® Healthcare Bleach Wipes	Clorox® Healthcare H2O2 Wipes	Envirocide™	Formula 409® Cleaner Degreaser	Formula 409® Multi-Surface Cleaner	Hand soap (1:3 in water)	Hydrogen Peroxide 3%	Intralipid® 20%	Isopropanol 70%	Lysol® Disinfecting Wipes	Lysol® IC™ Quaternary Cleaner (wc.)	MetriCide™ 28 (freshly activated)	Micro-Kill® One Germicidal Wipes	Opti-Cide® Healthcare Wipes	Oxivir® Five 16 (working conc.)	Oxivir® TB	Povidone Iodine 10%	Purell® Hand Sanitizer (ethanol)	Sani-Cloth® AF3	Sani-Cloth® Bleach	Sani-Cloth® HB	Sani-Cloth® Plus	Seventh Generation® Disinf. Wipes	Sporicidin®	Sunscreen, Banana Boat® SPF 30	Super Sani-Cloth®	Vesphene® (working conc.)	Virex® II 256 (working conc.)	Virex® TB	Water	Windex® Blue					
Bayblend FR3010	L	L	R	R	R	R	R	R	R	L	L	L	R	R	R	L	L	R	R	L	L	R	L	R	R	L	R	L	L	R	R	L	L	R	L	L	R	R	R	R			
Bayblend M301 FR	L	L	R	R	R	R	L	R	R	L	L	L	R	R	L	L	L	R	L	L	L	R	L	R	L	L	R	L	L	R	L	N	L	R	L	N	R	R	R	R			
Makroblend EC150	R	L	R	R	R	R	R	R	R	L	L	R	R	R	R	L	L	R	R	L	L	R	L	R	L	L	R	L	L	R	R	L	L	R	R	R	L	L	R	R	R	R	
Makroblend EL700	R	L	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	L	R	R	R	R	R	L	R	R	R	R	L	L	R	R	R	R	
Makroblend EL703	R	L	R	R	R	R	R	R	R	R	L	R	R	R	R	R	R	R	R	L	R	R	L	R	R	L	R	R	L	R	R	R	R	L	R	R	R	L	L	R	R	R	
Makroblend M4000 FR	R	L	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	L	R	R	R	R	L	L	R	R	R	
Makroblend M525	R	L	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	L	R	R	R	R	R	L	R	R	R	R	R	R	L	R	R	R	R	L	L	R	R	R	
Makroblend UT403	R	L	R	R	R	R	R	R	R	R	L	R	R	R	R	L	L	R	R	L	R	R	R	R	R	L	R	R	L	R	R	L	R	R	R	R	L	L	R	R	R	R	
Makroblend UT408	R	L	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	L	R	R	R	R	R	R	R	R	R	R	L	L	R	R	R	R	
Makrolon 2458	R	R	R	R	R	R	L	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	L	R	R	L	R	R	R	R	R	R	L	R	R	R	R	L	L	R	R	R	
Makrolon Rx1805	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	L	R	R	L	R	R	R	R	R	R	L	R	R	R	R	L	L	R	R	R	
Makrolon FR6006	R	L	R	R	R	R	R	R	R	R	L	R	R	R	R	R	R	R	R	R	R	R	L	R	R	L	R	L	R	R	R	R	L	R	R	R	R	L	L	R	R	R	R

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Thank you for your attention

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