



Polygiene™

Safe to Touch™

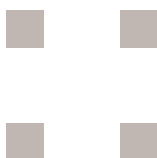


PROTECTS:





Perstorp AB's new Polygiene™ has been specially formulated to kill the SARS-CoV on contact. The new patent-pending technology also kills harmful bacteria and yeast. It is currently being offered in Perstorp's injection-mouldable Aminel® and Amitec™ amino thermoset compounds – helping to reduce the spread of disease by making products “Safe to Touch” again.



Polygiene™: A Proven Weapon in the War On Disease

Viruses, bacteria, and other harmful pathogens have been a part of human life since the dawn of time. When they strike it's no small matter. The illnesses, infections, and diseases they cause can have serious consequences – ranging from minor discomfort to severe health complications and even death.

But a new breakthrough technology from Perstorp AB – called Polygiene – has given humankind an edge, offering pathogen-killing capabilities never before seen in a product of its kind. Three years in development, Polygiene is the first product known to kill the SARS-coronavirus (SARS-CoV) and several disease-causing bacteria and yeast on contact – a major step forward in fighting the spread of disease.

Safeguarding Public Areas from Pathogenic Attack

Polygiene's antiviral and antibacterial power is particularly important to fast food restaurants, hotel chains, hospitals, airports, public buildings, mass-transit



facilities, and other public areas high in human traffic. These are the end-use environments where viruses, bacteria, and yeast can thrive and spread from person to person on the surfaces of for example toilet seats, light switches, and other devices subjected to continuous human touch. Using Perstorp products featuring the Polygiene technology to manufacture these devices – in place of metals, fibreglass, thermoplastics, and other traditional materials – means that SARS-CoV and other harmful pathogens can now be killed on contact.

This has been confirmed by independent in vitro testing at both China’s Military Academy of Medical science and Milan University’s Institute of Microbiology.

Polygiene is now being offered in Perstorp’s injection and compression moulded grades such as AmineI®, Amitec™ and urea molding compounds, giving public facilities – as well as device manufacturers and plastic moulders serving this sector – a proven advantage in the fight against harmful pathogens and the sicknesses they spread. These ultra-hygienic polymers are ideally suited for the manufacture of electrical devices such as light switches and switch plates; sanitary ware such as toilet seats; and door handles, handrails, baby-changing tables, telephones, and other end-use applications where the highest levels of sanitary protection are needed.

Protection and Performance in One

In addition to their germ-killing capabilities, Polygiene amino compounds offer outstanding strength and durability, a ceramic-like feel and sound, and good aesthetics. The materials are also non-toxic, chemical resistant, and provide good electrical insulating properties and inherent flame retardancy without the use of additives. These added product benefits further complement their fit in a wide range of applications requiring enhanced properties and high levels of performance.

Processing like conventional moulding compounds, polymers integrating the new Polygiene technology can be injection or compression moulded. They are commercially available worldwide and are offered in a wide range of colours. Because they are produced in a solvent-free manufacturing process, these compounds are also environmentally friendly.

With Polygiene, Perstorp has created an entirely new class of antiviral and antibacterial molding compounds that are playing an increasingly important role in making the world a safer place to live. Combined with high levels of personal hygiene and a commitment to cleanliness best practices, Polygiene polymers hold true promise of helping to reduce the spread of disease by making products “Safe to Touch” again.



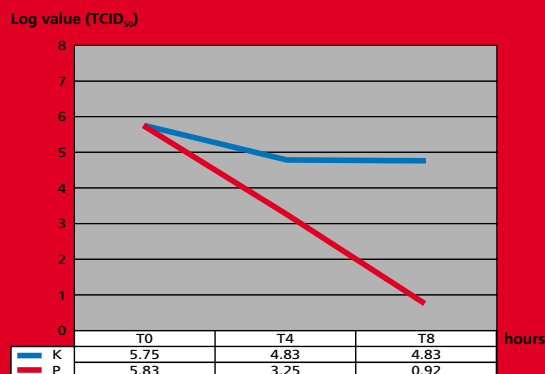
Antibacterial Activity

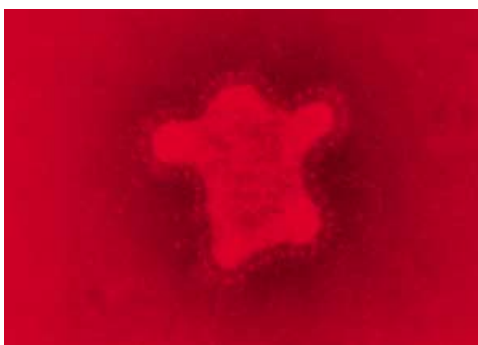
At different times of contact on escherichia coli bacteria.
K - Microbial Control Group
P - Polygiene



AntiSARS Activity

At different times of contact on SARS virus BJO1.
K - Control Thermoplastic Compound
P - Polygiene





About Perstorp

Perstorp AB is part of Sydsvenska Kemi AB. The Group is world-leading within several sectors of the specialty chemicals and materials technology markets. In addition to products used in the coatings, chemicals and plastics industries, our range also includes products for the engineering and construction industries, such as polyols, performance chemicals and resins. Our feed segment products are used to enhance nutrition for animal production. Perstorp has production plants in Europe, North America and Asia.

Throughout the company's long history, Perstorp has known that continuous renewal is one of the most important challenges to stay successful in a fast-changing world. This is why we strive to secure constant improvement in all areas of operations in order to remain highly competitive so that we can better serve and support our customers.

Perstorp has been actively involved in engineering materials for more than 80 years. Company scientists constantly strive to develop newer and better generations of these technologies to deliver higher levels of productivity, quality consistency, application development versatility, and environmental safety. Perstorp's worldwide manufacturing and sales coverage is backed by exceptional experience and expertise to provide customers with the most reliable and highest quality products and services available.

Visit www.polygiene.com to find out more about the new range of Polygiene™ resins.

Polygiene, Aminel and Amitec are registered trademarks of Perstorp AB.



Perstorp AB – Headquarters • SE-284 80 Perstorp, Sweden

Phone: +46 435 380 00 • Fax: +46 435 388 05

Email: compounds@Perstorp.com • www.perstorpcompounds.com

Perstorp Compounds (China)
Harry Leung & Co., Ltd.
Rm. 810, Block B, Po Lung Centre,
11 Wangchui Rd, Kowloon Bay, HK
CHINA
Phone: +852 2796 6003
Fax: +852 2796 2337

Perstorp Chemitec S.p.A (Italy)
Via Sempione 13
I-210 53 Castellanza (VA)
ITALY
Phone: +39 331 488 111
Fax: +39 331 488 280

Perstorp Compounds (UK)
Aycliffe Industrial Park
Newton Aycliffe
Co. Durham DL5 6UE
ENGLAND
Phone: +44 1325 30 06 66
Fax: +44 1325 30 32 14

Perstorp Compounds Inc (US)
238 Nonotuck Street
Florence, MA 01062
USA
Phone: +1 413 584 24 72
Fax: +1 413 586 40 89