



Presented by
RTP Company

RTP Company Healthcare Webinar: **Protecting Medical Equipment Plastic From Chemical Disinfectant Damage**



Tuesday, April 21, 2020 at 11AM EDT (10AM CDT)

To control the spread of infection, hospitals worldwide are using harsh chemical disinfectants on medical devices and equipment. These aggressive cleaners can cause plastic housings and casings to become brittle and crack, rendering the devices and equipment nonfunctioning or unsafe to use. RTP Company has developed RTP 2000 HC, a proprietary plastic compound technology that maintains strength, integrity, and functionality, even after repeated exposure to chemical disinfectants. RTP 2000 HC is designed to provide the critical impact resistance and comparable shrink rate and moldability of amorphous polymers (e.g., PC and PC/ABS alloys), but can withstand the chemical attack by the aggressive cleaners and disinfectants used to control the spread of infections in hospitals.

Presented by Bob Williams, RTP Company Global Healthcare Manager, and Jesse Dulek, RTP Company Product Development Engineer, this 40 minute webinar will cover the following topics:

- Brief introduction to healthcare industry efforts to control the spread of infection and current chemistries of hospital cleaners used to combat this spread of infection
- How these chemicals are affecting performance of traditional plastics used in medical housings
- Test methods that can be used to replicate molded-in part stress and screen performance of plastics exposed to hospital cleaners
- Introduction to the RTP 2000 HC series of plastic compounds that can resist the damage caused by harsh hospital cleaners
- How to use RTP 2000 HC as a replacement for PC, PC/ABS and other amorphous polymers
- Further enhancing RTP 2000 HC thermoplastic compounds with flame retardant, EMI shielding, UV resistance, and/or color attributes

Register now to discover how RTP 2000 I technology from RTP Company can help protect medical equipment and devices from damage caused by chemical disinfectants.

SPEAKERS:



Bob Williams, the Global Healthcare Manager at RTP Company, has more than 30 years in the plastics industry, holding positions at General Electric, Ecospan, and Nexeo. He has been with RTP Company for 5 years.



Jesse Dulek, Product Development Engineer, has been with RTP Company for 16 years. Prior to working in the Flame Retardant Engineering group, Jesse was a Color Development Engineer. He has a degree from Winona State University in Composite Materials Engineering.



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