

## **HOSPITAL BEDS**

We offer medical grade thermoplastic solutions and technical support for critical medical applications to help combat the COVID-19 crisis.

# How can we help you?

RTP Company has developed medical grade compounds that can be injection molded or blow molded specifically for Hospital bed applications. These unique compounds come in a wide range of standard colors, or they can be custom colored, and are excellent materials for:

- Side and end rails with electrical components that require UL 94 V-2 or V-0 flame resistance ratings and the ability to resist cracking from the harsh hospital cleaners
- Internal and external housings that require wear and abrasion resistance for moving parts
- Bumper edges and casters requiring flexibility and durability
- Base pans, Internal frames, and supports where structural strength is needed

### The Right Compounds for Your Needs

Depending on your application requirements, RTP Company can provide the thermoplastic compound that fits your needs. Our portfolio includes the RTP 2000 HC series and other compounds that resist the damage caused by harsh chemicals and disinfectants; wear and abrasion resistant compounds with internal lubrication for moving parts; thermoplastic elastomers for flexible, durable applications; short glass compounds for chemical resistance and durability at the most economical cost; and Very Long Fiber compounds for enhanced integrity and potential weight reduction.

#### Short Glass Fiber PP Very Long Fiber PP Short Carbon Fiber PF Short Carbon Fiber Nylor Short Glass Fiber Nylon Very Long Fiber Nylon PSI) 4.5 4.0 Modulus (x10<sup>6</sup> 3.5 3.0 2.5 2.0 1.5 Flexural 1.0 0.5 0 Notched Izod (ft-lbs/in)

### Material Solutions: Yesterday, Today, and Tomorrow

We have always been committed to providing material solutions to solve even the most challenging application requirements. During these unprecedented and uncertain times, we are partnering with you to fight the COVID-19 battle with materials that provide solutions today... and beyond.

To learn more, contact your local RTP Company representative or visit www.rtpcompany.com.



ISO 9001 RTP Company Corporate Headquarters • 580 East Front Street • Winona, Minnesota 55987 USA website: www.rtpcompany.com • email: rtp@rtpcompany.com TELEPHONE: **U.S.A.** +1 507-454-6900 WIMAN CORPORATION SOUTH AMERICA MEXICO EUROPE SINGAPORE CHINA FSP +52 81 8134-0403 +33 380-253-000 +86 512-6283-8383 +1 800-432-2386 +55 11 4193-8772 +65 6863-6580 +1 320-259-2554

Toughness - 40 wt. % Fiber