

FACT SHEET

INEOS STYROLUTION'S ABS SPECIALTY SOLUTIONS LUSTRAN[®] AND NOVODUR[®] HD IN HEALTHCARE

INEOS Styrolution provides a broad range of ABS ("acrylonitrile butadiene styrene") grades to the healthcare industry allowing healthcare providers to select the right fit for their applications.

Both the Lustran[®] and the Novodur[®] HD families of ABS grades for the healthcare industry are available in a Full Service INEOS Styrolution HD package. This Specialty HD (Healthcare & Diagnostics) service package goes well beyond industry benchmarks to provide best-in-class service and give medical device manufacturers greater confidence when these products are used in their final application. The Full-Service HD package helps save time and cost, so customers can focus their energies on product vision and design. INEOS Styrolution's team of professionals helps with everything from technical innovation and product development, to meeting strict worldwide regulatory requirements. The Full Service HD Package can be offered with a Notification of Change (NOC) term up to 36 months when signing a long term supply contract. The package comes with full regulatory compliance (USP class VI, ISO 10993, EU and US food contact compliance, DMF, letter of authorization), increased technical support (color & application development, design support etc.) and the security of long term supply and global availability.

Lustran (ABS):

Lustran is INEOS Styrolution's brand of acrylonitrile-butadiene-styrene (ABS) copolymers produced in the United States. These products have been around for many years with a proven track record in healthcare applications. The product line contains grades with a well-balanced mix of properties for injection molding, including good impact strength, flexural modulus and flexural strength, dimensional stability, and high gloss surface appearance. These grades are easy to mold (fast cycle times) and have excellent bondability including ultrasonic, solvent and adhesive. In addition, these grades have great ESCR to common healthcare disinfectants and cleaners including bleach, glutaraldehyde, lipids, and isopropyl alcohol, as well as excellent property retention after gamma-radiation, E-beam, NO₂, or EtO sterilization. The medical grades Lustran ABS 248FC and Lustran ABS 348 are specifically developed to meet the demanding needs of the healthcare industry.

Novodur HD (ABS):

Novodur is INEOS Styrolution's brand of specialty acrylonitrile-butadiene-styrene (ABS) copolymers. The product line contains grades with a well-balanced mix of properties for injection molding, including good impact strength, dimensional stability and heat resistance. It is easy to process and gives a high aesthetic colorful surface appearance. This versatile product line is available pre-colored and contains products with many unique features to fit the most demanding applications. Novodur grades specifically for the healthcare industry include Novodur HD M203FC, Novodur HD 15 and the new glass fiber filled Novodur HD M203FC G3.

Healthcare application examples based on Novodur and Lustran:

Inhaler



Inhaler



Inhaler



Spike



Vaginal HPV sampler





CONTACT

Dr. Ralf Leinemann

Global Manager PR & Marketing Communications

INEOS Styrolution Group GmbH

Mainzer Landstraße 50

60325 Frankfurt

Germany

Phone: +49 69 509550-1366

Email: ralf.leinemann@styrolution.com

Website: www.ineos-styrolution.com