



nexeo[®]
plastics

'TORAY'
Innovation by Chemistry

Nexo Plastics is proud to add **TOYOLAC[®] transparent ABS resins**, specially designed for medical applications, to our thermoplastics' portfolio*.

Toray Industries Inc., a global leader in polymers, organic synthetic chemistry and biotechnology, was **the first and is the world's largest manufacturer of transparent ABS resin.**

IMPORTANT

Nexo Plastics' technical team is available to help you evaluate the characteristics of the materials we supply that may be used for your proposed applications; however, ultimately you are responsible for and must make your own independent evaluation and judgment concerning the safety and efficacy of any materials supplied by Nexeo Plastics for use in healthcare or other applications.



Key TOYOLAC® Features

- Unparalleled moldability in transparent resins
- Light transparency and color stability
- Robust chemical resistance
- Well-balanced mechanical properties
- EtO & Gamma sterilizable
- Stable quality (unchanged formulation, production methods and test methods/equipment)
- Superior impact resistance, hardness and stiffness
- High scratch resistance
- Bisphenol-A (BPA) free

TOYOLAC® Biocompatibility - Approvals

- USP <88> Biological Reactivity TESTS
- USP Plastic Class VI
- ISO 10993 Biological Evaluation of Medical Devices
- FDA Drug Master File #030280

Typical applications:

- Device housings
- Infusion sets
- Drug delivery applications
- Blood contact devices



Advantages compared to other clear plastics (PC)

- High flowability at lower temperatures
- Lower pressure requirements
- Faster production times (energy savings)
- Decreased wear on tooling, longer mold life
- Bisphenol-A (BPA) free

(*) Available in United Kingdom and France only.

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