

BF3002IM Resin

Injection Molding Grade

Product Description

The Natur-Tec® BF3002IM is a biobased and compostable impact-modified, nucleating resin compound intended for injection molding. Natur-Tec® BF3002IM meets the requirements of international standards for compostable plastics such as ASTM D6400 (U.S.), EN13432, and ISO 17088.

Product Features

- Engineered for applications where high-heat performance and/or dimensional stability are critical such as cutlery, coffee capsules, and stirrers
- Contains up to 97% bio content per ASTM D6866 and EN16785 standards
- A two-part blend that consists of the Natur-Tec® BM3002HT and a specific Ingeo™ or Luminy® neat grade PLA. It can in most cases be coinjected with a barrier resin for applications such as coffee capsules
- Molded in a single-step using in-mold crystallization, at much-reduced cycle times and minimum part warpage
- Resin going through two heat histories is limited to the percent (%) masterbatch letdown (typically 15-25%) which helps maintain the molecular weight, resulting in improved mechanical strength for the final part as compared to a part manufactured with 100% fully compounded resin

Applications

BF3002IM can be used for injection molded plastic applications requiring high heat performance such as cutlery, coffee capsules, and stir sticks.



Food Contact

Natur-Tec® BF3002IM is compliant with both US FDA regulations and food contact regulations (EC) 1935/2004, (EU) 10/2011, and its amendments through (EU) 2019/37.

Certifications

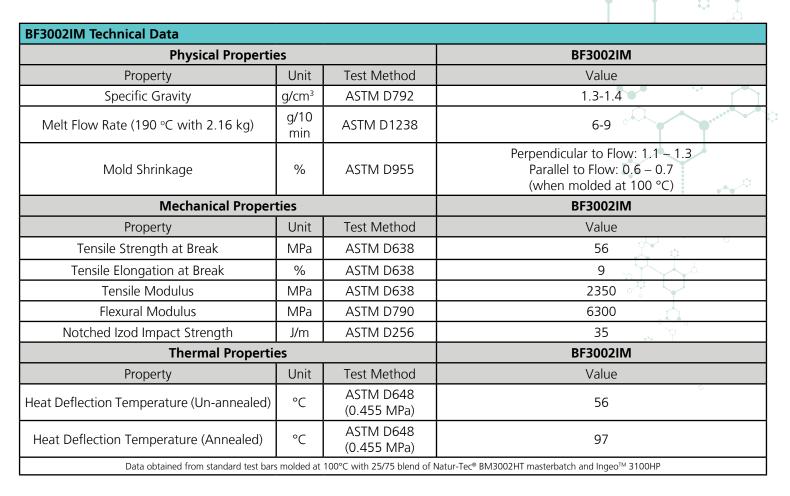






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Storage and Handling: For optimum performance and product life, store in a cool dry place out of direct sunlight. Refer to the Safety Data Sheet and the Processing Guide for specific handling and processing instructions.