

Circular PP500R-NT

Block copolymer



Product Description

CircularPP500R-NT is recycled Polypropylene resin that is designed to reinforce impact resistance. It is used for consumers and industrial applications.

Sustainability

Circular PP500R-NT contains at least 50% of recycled material that is based on Post-Consumer Waste. This product is not intended for highly regulated applications including food contact, potable water contact, medical and pharmaceutical applications.

Features	Optimized balance of stiffness and toughness
Market	Consumer Products, Industrial purpose, Automotive/Compounds
Application	Injection application / Houseware / E&E / Automotive

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	25	g/10 min	ASTM D1238L
Flexural Modulus	13000	kg/cm2	ASTM D790
Izod Impact Strength (23°C)	6	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	3	kgcm/cm	ASTM D256

1) The above values are typical property values for reference only not be construed as specification limits.

2) Before using a PolyMirae product, users shall review carefully Seller's instructions for the use of such product and make their own independent determination of whether the product is suitable for the intended use and can be used safely and legally. If users fail to comply with Seller's restrictions and instructions for the use of the product or an obligation to notify Seller, if applicable, of each specific application before using such product in certain categories of application, users are solely liable for any injuries or damages resulting from their use of such product and Seller shall have no liability whatsoever.

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- ii. applications involving permanent implantation into the body;
- iii. life-sustaining medical applications; or
- iv. lead, asbestos or MTBE related applications.

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- iii. film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices;
- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

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