

DaelimPoly PP UR348TU

Random copolymer



Product Description

DaelimPoly PP UR348TU is a random copolymer with high flow ability. This product is specially designed for TWIM (Thin wall injection molding) application such as transparent containers and housewares with good organoleptics, processability and high clarity and gloss. DaelimPoly PP UR348TU meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features High flowability / High clarity / High gloss / Good stiffness / Good organoleptics / Low migration / Non-phthalate

Market Rigid packaging, Consumer products

Application TWIM (Thin wall injection molding) / Injection molding / Transparent containers / Housewares

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	48	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	11500	kg/cm ²	ASTM D790
Tensile Strength at Yield	300	kg/cm ²	ASTM D638
Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (23°C)	5	kgfcm/cm	ASTM D256
Rockwell Hardness	95	R-Scale	ASTM D785
HDT (0.46 N/mm ²)	90	°C	ASTM D648
Haze	9 (1T)	%	ASTM D1003

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

2) Before using UlsanPP 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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- 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

※ All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

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