# Daelim PP UH642T

## Homopolymer

**Product Description**

**Daelim PP UH642T** is a nucleated polypropylene homopolymer manufactured by Ulsan PP under the license of **Lyondellbasell** using the **Spheripol** process. This product is for use in thin wall injection molding for packaging, food tray. **Daelim PP UH642T** meets the **FDA** requirement in the code of Federal Regulations in **21 CFR 177.1520** for food contact.

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|---|---|
| **Features** | Outstanding flowability / High transparency and gloss / High stiffness |
| **Market** | Rigid packaging, Consumer products |
| **Application** | Food tray / Plastic file / Drinking cup |

**ASTM Data**

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| Melt Flow Rate (230℃,2.16kg) | 60 | g/10 min | ASTM D1238L |
| Density | 0.9 | g/cm3 | ASTM D1505 |
| Flexural Modulus | 18000 | kg/cm2 | ASTM D790 |
| Tensile Strength at Yield | 370 | kg/cm2 | ASTM D638 |
| Elongation at Yield | 10 | % | ASTM D638 |
| Izod Impact Strength (23℃) | 2 | kgfcm/cm | ASTM D256 |
| Rockwell Hardness | 115 | R-Scale | ASTM D785 |
| Vicat Softening Point | 151 | ℃ | ASTM D1525 |
| HDT (0.46 N/mm²) | 125 | ℃ | ASTM D648 |

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

**2)** Before using Ulsan PP 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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ii. U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices;
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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