DaelimPoly UH600R

Homopolymer

Product Description

DaelimPoly UH600R is a homopolymer selected by customers for use in injection molding of housewares articles, toys, packaging, and closures. DaelimPoly UH600R resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	**Good processability/ Balanced mechanical property**
Market	**Consumer Products, Rigid Packaging**
Application	**Housewares/ Food containers**

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	25	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	17000	kg/cm2	ASTM D790
Tensile Strength at Yield	370	kg/cm2	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23℃)	2.5	kgfcm/cm	ASTM D256
Rockwell Hardness	110	R-Scale	ASTM D785
Vicat Softening Point	150	℃	ASTM D1525
HDT (0.46 N/mm²)	115	℃	ASTM D648

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

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Manufacturer website: www.ulsanpp.com