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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**
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