DaelimPoly UE300L

Block copolymer

Product Description

DaelimPoly UE300L is the polypropylene block copolymer manufactured by Ulsan PP under the license of Lyondellbasell using Spheripol process. This product is used for injection molding applications of toys, crates and battery cases. **DaelimPoly** UE300L meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact and a flame rating of UL94HB.

Features	High impact resistance / High drop weight impact resistance / UL94HB
Market	Consumer products, Automotive / Compounds
Application	Toy / Pail / Crate / Pallet / Housewares

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	5	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	10500	kg/cm2	ASTM D790
Tensile Strength at Yield	260	kg/cm2	ASTM D638
Elongation at Yield	6	%	ASTM D638
Izod Impact Strength (23℃)	NB	kgfcm/cm	ASTM D256
Izod Impact Strength (-20℃)	8	kgfcm/cm	ASTM D256
Rockwell Hardness	90	R-Scale	ASTM D785
Vicat Softening Point	150	℃	ASTM D1525
HDT (0.46 N/mm²)	90	℃	ASTM D648

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

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Manufacturer website: www.ulsanpp.com