DaelimPoly UE300R

Block copolymer

Product Description

DaelimPoly UE300R is the polypropylene block copolymer manufactured by Ulsan PP under the license of Lyondellbasell using the Spheripol process. This product is for use in injection molding of washing machine tub, thin-walled packaging, parts of electrical appliances, housewares. **DaelimPoly** UE300R resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	High impact resistance / High drop weight impact resistance
Market	Automotive / Compounds, Consumer Products, Rigid packaging
Application	Washing machine tub / Electrical appliances / Housewares

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	30	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	10500	kg/cm2	ASTM D790
Tensile Strength at Yield	240	kg/cm2	ASTM D638
Elongation at Yield	5	%	ASTM D638
Izod Impact Strength (23℃)	13	kgfcm/cm	ASTM D256
Izod Impact Strength (-20℃)	5	kgfcm/cm	ASTM D256
Rockwell Hardness	85	R-Scale	ASTM D785
Vicat Softening Point	150	℃	ASTM D1525
HDT (0.46 N/mm²)	95	℃	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.
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Manufacturer website: www.ulsanpp.com