DaelimPoly PP UE332K

Block copolymer

Product Description

DaelimPoly UE332K is the polypropylene block copolymer manufactured by Ulsan PP under the license of Lyondellbasell using the Spheripol process. This product is particularly suitable for injection molding of toy, crates. **DaelimPoly** UE332K resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Optimized balance of stiffness and toughness / High impact strength at low temperature / High Stiffness / Low warpage
Market	Consumer products, Industrial & Pipe
Application	Toy / Crate / 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	11500	kg/cm2	ASTM D790
Tensile Strength at Yield	250	kg/cm2	ASTM D638
Elongation at Yield	9	%	ASTM D638
Izod Impact Strength (23℃)	15	kgfcm/cm	ASTM D256
Izod Impact Strength (-20℃)	7	kgfcm/cm	ASTM D256
Rockwell Hardness	95	R-Scale	ASTM D785
Vicat Softening Point	150	℃	ASTM D1525
HDT (0.46 N/mm²)	88	℃	ASTM D648

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