DaelimPoly PP UE548S

Block copolymer

Product Description

DaelimPoly UE548S is a nucleated heterophasic copolymer, suitable for injection molding applications, and contains an anti-static agent. It exhibits an outstanding balance of mechanical properties combined with a medium high fluidity. This product is extensively used in housewares and in thin-walled containers. **DaelimPoly** UE548S resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	High flowability / Anti-static property / Optimized balance of stiffness and toughness / Low warpage
Market	Consumer products, Rigid packaging
Application	TWIM Containers / Housewares / Leisure and sports goods

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230℃,2.16kg)	44	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	15000	kg/cm2	ASTM D790
Tensile Strength at Yield	280	kg/cm2	ASTM D638
Elongation at Yield	4	%	ASTM D638
Izod Impact Strength (23℃)	5	kgfcm/cm	ASTM D256
Izod Impact Strength (-20℃)	3	kgfcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
Vicat Softening Point	150	℃	ASTM D1525
HDT (0.46 N/mm²)	125	℃	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