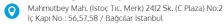
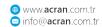


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## Technical Data Sheet

### DaelimPoly PP YE548S

Block copolymer



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#### **Product Description**

DaelimPoly PP YE548S is a nucleated heterophasic copolymer, suitable for injection moulding applications, and contains an anti-static agent. It exhibits an outstanding balance of mechanical properties combined with a medium high fluidity. DaelimPoly PP YE548S is extensively used in housewares and in thin-walled containers. DaelimPoly PP YE548S 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°C,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 Yeild	280	kg/cm2	ASTM D638
Elongation at Yeild	4	%	ASTM D638
Izod Impact Strength (23°C)	5	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
Vicat Softening Point	150	°C	ASTM D1525
HDT (0.46 N/mm²)	125	°C	ASTM D648

<sup>1)</sup> The above values are typical property values for reference only not be construed as specification limits.

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- iii. life-sustaining medical applications; or
- iv. lead, asbestos or MTBE related applications.

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- 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
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor
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