

Grade	SB-540
Product	PP

General Information

Key Features

SB-540 is random copolymer polypropylene for extrusion application with good transparency and good gloss for transparent sheet and thermoforming. This grade can be processed by sheet extrusion and thermoforming. SB-540 offers high clarity, flexible stiffness, high heat distortion temperature and chemical resistance. This grade is suitable for food contact. SB-540 is a 'Phthalate-Free' product.

Applications

- Transparent disposable food container and cups
- Transparent sheet

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	5.0
Density	ASTM D792	g/cm ³	0.9
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	330
Tensile Strain (Break)	ASTM D638	%	≥400
Flexural Modulus	ASTM D790	kgf/cm ²	13,500
Impact			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	6.0
Thermal			
Heat Deflection Temperature	ASTM D648	°C	100
Additional			
Haze (1mmT)	ASTM D1003	%	9

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01