

SB-540

PP RANDOM COPOLYMER

General Information

Description

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.

Applications

- ◆ Transparent disposable food container and cups
- ◆ Transparent sheet

Physical Properties¹

Physical	Test Method	Nominal Value			
Melt Flow Index	ASTM D1238	5.0	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	300	kgf/cm ²	29	MPa
Tensile Strain (Break)	ASTM D638	>400	%	>400	%
Flexural Modulus	ASTM D790	12,500	kgf/cm ²	1,220	MPa
Impact					
Notched Izod Impact Strength (23 °C)	ASTM D256	4.5	kgf-cm/cm	44	J/m
Thermal					
Heat Deflection Temperature(4.6kgf/cm ²)	ASTM D648	95	°C		
Additional Property					
Haze	ASTM D1004	20	%		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications