



Technical Datasheet: J550S

Product Description:

J550S is a nucleated random copolymer using the spheripol process licensed by Basell. This grade is designed to be processed in conventional injection molding equipment and offers high transparency, good stiffness/impact strength balance, high gloss, high hinge property and low smell.

Applications:

- Cosmetics container & cap, Food container, Transparency case, Stationery
- Water purifier parts

Typical data:

Property	Test method	Unit	value
Melt Flow Index	ASTM D1238	g/10min	12
Density	ASTM D792	g/cm ³	0.9
Tensile Strength (Yield)	ASTM D638	Kgf/cm ²	330
Tensile Strength (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	Kgf/cm ²	13,000
Rockwell Hardness	ASTM D785	R	95
Notched Izod Impact Strength (23°C)	AST M D256	Kgf-cm/cm	3.8
Notched Izod Impact Strength (-10°C)	ASTM D256	Kgf-cm/cm	3.1
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	95