

**SEETEC J-560S**
**PP RANDOM COPOLYMER**
**General Information**
**Description**

J-560S is a nucleated random copolymer for injection molding applications 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, good flow and low smell.

**Applications**

- ◆ Cosmetics container & cap, Food container, Transparency case, Stationery
- ◆ Disposable syringe, CD/DVD case

**Physical Properties<sup>1</sup>**

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	18	g/10min		
Density	ASTM D792	0.9	g/cm <sup>3</sup>		
<b>Mechanical</b>					
Tensile Stress (Yield)	ASTM D638	300	kgf/cm <sup>2</sup>	29	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	13,000	kgf/cm <sup>2</sup>	1,270	MPa
Rockwell Hardness	ASTM D785	95	R		
<b>Impact</b>					
Notched Izod Impact Strength (23℃)	ASTM D256	5.5	kgf-cm/cm	54	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	3.0	kgf-cm/cm	29	J/m
<b>Thermal</b>					
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	95	℃		

**NOTE**

ISO 9001, 14001

<sup>1</sup> Physical Properties : these are not to be construed as specifications