

SEETEC J-580S
PP RANDOM COPOLYMER
General Information
Description

J-580S 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 mechanical balance, high gloss, lower cycle time, super high flow and low smell.

Applications

- ◆ Thin-wall food container, Stationery, Disposable syringe, CD/DVD case
- ◆ High transparency TWIM parts

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	35	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	310	kgf/cm ²	29	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	13,500	kgf/cm ²	1,270	MPa
Rockwell Hardness	ASTM D785	95	R		
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	4.5	kgf-cm/cm	49	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	3.0	kgf-cm/cm	29	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	95	℃		

NOTE

ISO 9001, 14001

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

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