

## J-560S UGCC Random Polypropylene (Injection grade)

### Description

J-560S is a nucleated random copolymer for injection molding applications. This grade is designed to be processed in conventional injection molding equipment and offers super excellent transparency, good stiffness/impact strength balance, high gloss, high hinge property and low smell.

J-560S is a 'Phthalate-Free' product.

### Application

Cosmetics container & cap, food container, transparency case, stationery, disposable syringe, CD/DVD case, etc.

Physical Properties*			
Physical	Testing methods	Nominal values	
Density (by Gradient technique)	ASTM D 1505	gr/cm <sup>3</sup>	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	14-22
<b>Mechanical</b>			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm <sup>2</sup>	260
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm <sup>2</sup>	11500
<b>Impact</b>			
Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	5.0
Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	1.5
<b>Thermal</b>			
Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min.	ASTM D 648	°C	85
<b>Other properties</b>			
Haze	ASTM D 1003	%	25

Note: Above data are based on information provided by Licensor and it is not to be construed as specifications, the latest exact data can be obtained from Uz-Kor Gas Chemical Central Plant Laboratory