UZ-KOR GAS CHEMICAL

J-550S UGCC Random Polypropylene (Injection grade)

Description

J-550S is a nucleated random copolymer for injection molding applications. 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.
J-550S is a 'Phthalate-Free' product.

Application

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

Physical Properties*			
Physical	**Testing methods**	**Nominal values**	
Density (by Gradient technique)	ASTM D 1505	gr/cm^3	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	10-14
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	$kg\ f/cm^2$	260
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	11500
Impact			
Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	5.5
Izod Impact Strength (-10 ^{0}C), min.	ASTM D 256	kg f cm/cm	1.5
Thermal			
Heat Distortion Temperature (4.6 kgf/cm^2), min.	ASTM D 648	^{0}C	85
Other properties			
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

Manufacturer website: https://uz-kor.com/