



## JI-350 UGCC Block Polypropylene (Injection grade)

### Application

Battery case, case for home appliances

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	8-12
<b>Mechanical</b>			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm <sup>2</sup>	250
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm <sup>2</sup>	12000
<b>Impact</b>			
Notched Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	7
Notched Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	2.5
<b>Thermal</b>			
Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min.	ASTM D 648	°C	95

August, 2016

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