



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 ³	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	8-12
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm ²	250
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm ²	12000
Impact			
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
Thermal			
Heat Distortion Temperature (4.6 kgf/cm ²), min.	ASTM D 648	°C	95

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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

POLYMER SM

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