UZ-KOR GAS CHEMICAL

JM-350 UGCC Block Polypropylene (Injection grade)

Description

JM-350 is high impact block copolymer which has more ethylene contents than normal block copolymer. This grade is designed to be processed in conventional Injection molding equipment. JM-350 shows better impact resistance than normal block copolymer and has good physical property balance.

Application

Industrial supplies, Automotive compound base resin
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	8.0-12.0
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm^2	240
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm^2	11000
Impact			
Notched Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	8.0
Notched Izod Impact Strength (-10 ^{0}C), min.	ASTM D 256	kg f cm/cm	3.0
Thermal			
Heat Distortion Temperature (4.6 kgf/cm^2), min.	ASTM D 648	^{0}C	90

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