

JM-370 UGCC Block Polypropylene (Injection grade)

Description

JM-370 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-370 shows better impact resistance than normal block copolymer and has good physical property balance.

Application

Industrial supplies, automotive compound base resin
Big size injection molding products, electric 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	30-40
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm ²	240
Elongation at Break, min.	ASTM D 638	%	50
Flexural Modulus, min.	ASTM D 790	kg f/cm ²	11000
Impact			
Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	6.0
Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	3.0
Thermal			
Heat Distortion Temperature (4.6 kgf/cm ²), min.	ASTM D 648	°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