

## JM-375 UGCC Block Polypropylene (Injection grade)

### Description

JM-375 is high impact block copolymer which has high ethylene-propylene rubber content. This grade is designed to be processed in conventional Injection molding equipment. JM-375 shows a high melt flow and has good balance of strength, impact resistance, and process ability.

### Application

General supplies & 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	g/cm <sup>3</sup>	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	40-50
<b>Mechanical</b>			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm <sup>2</sup>	240
Elongation at Break, min.	ASTM D 638	%	50
Flexural Modulus, min.	ASTM D 790	kg f/cm <sup>2</sup>	11000
<b>Impact</b>			
Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	5.5
Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	3.0
<b>Thermal</b>			
Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min.	ASTM D 648	°C	90

