

J-370 UGCC Block Polypropylene (Injection grade)

Description

J-370 is impact block copolymer with ethylene content as co-monomer. This grade is designed to be processed in conventional Injection molding equipment. J-370 shows high melt flow and good balance of impact resistance and strength. It has broad range of property, and is used from general supplies to automotive compound base resin.

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	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	250
Elongation at Break, min.	ASTM D 638	%	50
Flexural Modulus, min.	ASTM D 790	kg f/cm ²	12000
Impact			
Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	5.0
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

