UZ-KOR GAS CHEMICAL

JM-380 UGCC Block Polypropylene (Injection grade)

Description

JM-380 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-380 shows Ultra high melt flow, controlled rheology and has medium impact resistance and high strength and stiffness. This grade is appropriate for energy saving and multi-cavity injection molding.

Application

General domestic supplies, Base resin for automotive parts
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	55-65
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	$kg\ f/cm^2$	240
Elongation at Break, min.	ASTM D 638	%	30
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	11000
Impact			
Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	5.0
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

Manufacturer website: https://uz-kor.com/