UZ-KOR GAS CHEMICAL

# 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 $^0$C), min.** | ASTM D 256 | kg f cm/cm | 6.0 |
| **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/