UZ-KOR GAS CHEMICAL

# J-320 UGCC Block Polypropylene (Injection grade)

## Description

J-320 is impact block copolymer with ethylene content as co-monomer. This grade is designed to be processed in conventional Injection molding equipment. J-320 shows good impact resistance at low temperature and has also high strength. It has broad range of property, and is used from industrial supplies to automotive compound base resin.

## Application

General supplies & Industrial supplies, Automotive compound base resin
Battery case, caps & closures

| 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 | 1.4-2.2 |
| **Mechanical** | | | |
| **Tensile Strength at Yield, min.** | ASTM D 638 | $kg\ f/cm^2$ | 250 |
| **Elongation at Break, min.** | ASTM D 638 | % | 100 |
| **Flexural Modulus, min.** | ASTM D 790 | $kg\ f/cm^2$ | 12000 |
| **Impact** | | | |
| **Notched Izod Impact Strength (23 $^0$C), min.** | ASTM D 256 | kg f cm/cm | 10.0 |
| **Notched Izod Impact Strength (-10 $^0$C), min.** | ASTM D 256 | kg f cm/cm | 2.5 |
| **Thermal** | | | |
| **Heat Distortion Temperature (4.6 $kgf/cm^2$), min.** | ASTM D 648 | $^0$C | 95 |

**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/