

## J-370 UGCC Block Polypropylene (Injection grade)

### Application

Big size injection molding products, electric home appliances

| Physical Properties*   |                 |                      |           |
|--|-----------------|----------------------|-----------|
| Physical   | Testing methods | Nominal values       |           |
| Density (by Gradient technique)                              | ASTM D 1505     | gr/cm <sup>3</sup>   | 0.85-0.95 |
| Melt Flow Rate   | ASTM D 1238     | g/10min              | 30-40     |
| <b>Mechanical</b>  |                 |                      |           |
| Tensile Strength at Yield, min.                              | ASTM D 638      | kg f/cm <sup>2</sup> | 250       |
| Elongation at Break, min.                                    | ASTM D 638      | %                    | 50        |
| Flexural Modulus, min.                                       | ASTM D 790      | kg f/cm <sup>2</sup> | 12000     |
| <b>Impact</b>  |                 |                      |           |
| Izod Impact Strength (23 °C), min.                           | ASTM D 256      | kg f cm/cm           | 5         |
| Izod Impact Strength (-10 °C), min.                          | ASTM D 256      | kg f cm/cm           | 2.5       |
| <b>Thermal</b>   |                 |                      |           |
| Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min. | ASTM D 648      | °C                   | 95        |

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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

# POLYMER SM

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