



## J-150 UGCC Homo Polypropylene (Injection grade)

### Application

Housewares and general supplies

| 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              | 8-12      |
| Mechanical                                                   |                 |                      |           |
| Tensile Strength at Yield, min.                              | ASTM D 638      | kg f/cm <sup>2</sup> | 330       |
| Elongation at Break, min.                                    | ASTM D 638      | %                    | 10        |
| Flexural Modulus, min.                                       | ASTM D 790      | kg f/cm <sup>2</sup> | 14000     |
| Impact                                                       |                 |                      |           |
| Notched Izod Impact Strength (23 °C), min.                   | ASTM D 256      | kg f cm/cm           | 2         |
| Notched Izod Impact Strength (-10 °C), min.                  | ASTM D 256      | kg f cm/cm           | -         |
| Thermal                                                      |                 |                      |           |
| Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min. | ASTM D 648      | °C                   | 100       |

August, 2016

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