

FC-550 UGCC Random Polypropylene (CPP film grade)

Application

Heat sealant layer for CPP film

| 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 | 7.0-9.0 |
| Mechanical | | | |
| Tensile Strength at Yield, min. | ASTM D 638 | kg f/cm ² | 260 |
| Elongation at Break, min. | ASTM D 638 | % | 100 |
| Flexural Modulus, min. | ASTM D 790 | kg f/cm ² | 10000 |
| Impact | | | |
| Notched Izod Impact Strength (23 °C), min. | ASTM D 256 | kg f cm/cm | 4 |
| Notched Izod Impact Strength (-10 °C), min. | ASTM D 256 | kg f cm/cm | - |
| Thermal | | | |
| Heat Deflection Temperature (4.6 kgf/cm ²), min. | ASTM D 648 | °C | 80 |
| Vicat Softening Point | ASTM D 1525 | °C | 130 |
| Melting Temperature | ASTM D 3418 | °C | 148 |

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