

Technical Data Sheet

lcorene N7020 UV+ GRY 7748



Low Density Polyethylene

Product Description

lcorene N7020 is a low density polyethylene resin designed for wire coating applications with fluidised bed processing. This grade has excellent fluidity and is available in white and a range of other colours.

| | |
|-------------|--------------------------------|
| Attribute | Good Processability; High Flow |
| Forms | Powder |
| Appearance | Unspecified Color |
| Application | Coating Applications |

| Typical Properties | Nominal Value | Units | Test Method |
|----------------------------------|---------------|-------------------|-------------|
| Physical | | | |
| Melt Flow Rate, (190 °C/2.16 kg) | 20 | g/10 min | ASTM D1238 |
| Density | 0.914 | g/cm ³ | ASTM D1505 |
| Mechanical | | | |
| Tensile Strength at Break | 8 | MPa | ASTM D638 |
| Hardness | | | |
| Durometer Hardness, (Shore D) | 40 | | ASTM D2240 |
| Thermal | | | |
| Vicat Softening Temperature | 81 | °C | ASTM D1525 |
| Peak Melting Temperature | 103 | °C | ASTM D3418 |