

Technical Data Sheet

Icorene N6601-1200 NAT0000XX



Acrylonitrile Butadiene Styrene

Product Description

Icorene N6601 is premium quality easy flow ABS grade suitable for general purpose use and has very good resistance to impact and heat deflection. This grade is suitable for masterbatch applications.

| | |
|--------------------------|-----------------------------------|
| Processing Method | Compounding |
| Attribute | High Flow; High Impact Resistance |
| Forms | Powder |
| Application | Masterbatch |

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------------|-------------|
| Physical | | | |
| Melt Volume Flow Rate, (220 °C/10.0 kg) | 20 | cm ³ /10 min | ISO 1133 |
| Density | 1.04 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Tensile Strain at Break, (50 mm/min) | 10 | % | ISO 527-2 |
| Tensile Stress at Break, (50 mm/min) | 45.0 | MPa | ISO 527-2 |
| Flexural Stress, (2.0 mm/min) | 65.0 | MPa | ISO 178 |
| Impact | | | |
| Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A) | 22 | kJ/m ² | ISO 179 |
| Thermal | | | |
| Vicat Softening Temperature, (B (50N), 50 °C/h) | 96.0 | °C | ISO 306 |