

LUSTRAN[®] SAN CN Grades

Suspension SAN Grades for Use in Compounding

Lustran SAN CN grades are natural color, styrene-acrylonitrile copolymers supplied in bead form.

| Typical Properties* | ISO Test Method (Other) | Lustran [®] SAN CN20 | Lustran [®] SAN CN25 | Lustran [®] SAN CN40 | Lustran [®] SAN CN87 | Lustran [®] SAN CN88 | Lustran [®] SAN CN90 |
|---|--|--|--|-----------------------------------|---|---|---|
| General Melt Flow Rate at 220°C/5-kg Load Melt Flow Rate at 220°C/10-kg Load Melt Flow Rate at 230°C/3.8-kg Load % Acrylonitrile | ISO 1133 ISO 1133 ISO 1133 | 10.8 g/10 min ~100 g/10 min 29% | 76 g/10 min 25 g/10 min 29% | 6.6 g/10 min 2 g/10 min 40% | 30 g/10 min 9.5 g/10 min 31% | 3.5 g/10 min 1.0 g/10 min 32.5% | 2.6 g/10 min 0.7 g/10 min 30% |
| Mechanical Tensile Stress at Fail Flexural Stress at Fail Flexural Modulus Izod Impact Unnotched | ISO 527 ISO 178 ISO 178 ISO 180 | 57 MPa 63 MPa 3.5 GPa 160 J/m | 60.3 MPa 83.5 MPa 3.9 GPa 272 J/m | 66 MPa 3.8 GPa | 65.8 Mpa 102.4 MPa 3.8 GPa 304 J/m | 75.5 MPa 127.5 MPa 3.8 GPa 360 J/m | 76.3 MPa 128.1 MPa 3.8 GPa 434 J/m |
| Thermal Vicat Softening Temperature 1 kg load | ISO 306 | 110.1°C | 111.7°C | 108°C | 113.1°C | 114°C | 114.9°C |

* These items are provided as general information only. They are approximate values and are not part of the product specifications.