

Technical Data Sheet

Ronfalin C120 EF PROCESS CYAN3-1500



Polycarbonate + ABS

Product Description

PC/ABS with a vicat softening temperature of 120°C exhibiting good melt flow and low temperature impact

Regulatory Status

For regulatory compliance information, see *Ronfalin C120 EF PROCESS CYAN3-1500* [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status Commercial: Active

Availability Europe

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|-------------|
| Physical | | | |
| Melt Flow Rate, (260 °C/5.0 kg) | 22 | g/10 min | ISO 1133 |
| Density | 1.12 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Tensile Stress at Yield | 50 | MPa | ISO 527-2 |
| Tensile Strain at Break | >50 | % | ISO 527-2 |
| Tensile Modulus | 2350 | MPa | ISO 527-1 |
| Flexural Stress | 90 | MPa | ISO 178 |
| Impact | | | |
| Charpy Impact Strength - Notched | 35 | kJ/m ² | ISO 179 |
| Charpy Impact Strength - Unnotched | No Break | | ISO 179 |
| Notched Izod Impact Strength | 20 | kJ/m ² | ISO 180 |
| Notched Izod Impact (Area), (23 °C, Method A) | 30.0 | kJ/m ² | ASTM D256 |
| Thermal | | | |
| Vicat Softening Temperature, (B (50N), 50 °C/h) | 120 | °C | ISO 306 |
| Deflection Temperature Under Load Unannealed (0.45 MPa) | 122 | °C | ISO 75-2/B |
| Deflection Temperature Under Load Unannealed (1.80 MPa) | 100 | °C | ISO 75-2/A |
| UL Information | | | |
| Flame Rating | HB | | UL 94 |

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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