

## Technical Data Sheet

### *Ronfalin* C230FR GF20 PEARL 4-0675



Polycarbonate + ABS

#### Product Description

*Ronfalin* C230FR GF20 PEARL 4-0675 is a Polycarbonate + ABS Glass Fiber, 20% filled material.

#### Regulatory Status

For regulatory compliance information, see *Ronfalin* C230FR GF20 PEARL 4-0675 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                             |  |
|-----------------------------|--|
| <b>Status</b>               | Discontinued   |
| <b>Availability</b>         | Africa-Middle East; Asia-Pacific; Europe; Latin America; North America |
| <b>Additive</b>             | Flame Retardant  |
| <b>Application</b>          | Electrical Parts   |
| <b>Filler/Reinforcement</b> | Glass Fiber, 20%   |

| Typical Properties                                      | Nominal Value | Units             | Test Method    |
|---|---------------|-------------------|----------------|
| <b>Physical</b>   |               |                   |                |
| Melt Flow Rate, (260 °C/5.0 kg)                         | 17            | g/10 min          | ISO 1133       |
| Density   | 1.25          | g/cm <sup>3</sup> | ISO 1183       |
| <b>Mechanical</b>                                       |               |                   |                |
| Tensile Strain at Break                                 | 2.5           | %                 | ISO 527-2      |
| Tensile Stress at Break, (Type 1A, 5 mm/min)            | 75.0          | MPa               | ISO 527-2      |
| Tensile Modulus   | 5700          | MPa               | ISO 527-1      |
| <b>Impact</b>   |               |                   |                |
| Charpy Impact Strength - Notched                        | 8             | kJ/m <sup>2</sup> | ISO 179        |
| <b>Hardness</b>   |               |                   |                |
| Ball Pressure Test, (125 °C)                            | Pass          |                   | IEC 60695-10-2 |
| <b>Thermal</b>  |               |                   |                |
| Vicat Softening Temperature, (A (10N), 50 °C/h)         | 135           | °C                | ISO 306        |
| Deflection Temperature Under Load Unannealed (0.45 MPa) | 132           | °C                | ISO 75-2/B     |
| Deflection Temperature Under Load Unannealed (1.80 MPa) | 120           | °C                | ISO 75-2/A     |
| <b>UL Information</b>                                   |               |                   |                |
| Flame Rating  |               |                   |                |
| (3.2 mm)  | V-0           |                   | UL 94          |
| (1.5 mm)  | V-0           |                   | 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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