

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 \(SDS\)](#).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	17	g/10 min	ISO 1133
Density	1.25	g/cm ³	ISO 1183
Mechanical			
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
Impact			
Charpy Impact Strength - Notched	8	kJ/m ²	ISO 179
Hardness			
Ball Pressure Test, (125 °C)	Pass		IEC 60695-10-2
Thermal			
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
UL Information			
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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