

Technical Data Sheet

Ronfalin C130

Polycarbonate + ABS
LyondellBasell Industries
Engineering Plastics

Product Description

Perloy C130 is a high impact strength easy flow PC/ABS alloy with excellent sub-zero ductility. Having a vicat temp. of 130°C applications include electronic and automotive.

General

Features	• General Purpose	
Uses	• Appliances	• General Purpose
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.15 g/cm ³	1.15 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	15 g/10 min	15 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	348000 psi	2400 MPa	ISO 527-1
Tensile Stress (Yield)	7980 psi	55.0 MPa	ISO 527-2
Tensile Strain (Break)	> 50 %	> 50 %	ISO 527-2
Flexural Modulus	334000 psi	2300 MPa	ISO 178
Flexural Stress	11600 psi	80.0 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (Area) (73°F (23°C))	21.4 ft·lb/in ²	45.0 kJ/m ²	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 Psi (0.45 Mpa), Unannealed	257 °F	125 °C	ISO 75-2/B
264 Psi (1.8 Mpa), Unannealed	226 °F	108 °C	ISO 75-2/A
Vicat Softening Temperature	266 °F	130 °C	ISO 306/B50

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating	HB	HB	UL 94

Notes

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