

Technical Data Sheet

Ronfalin C130 BLK2-0010



Polycarbonate + ABS

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.

Forms

Pellets

Application

Appliances; General Purpose

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	15	g/10 min	ISO 1133
Density	1.15	g/cm³	ISO 1183
Mechanical			
Tensile Stress at Yield	55	MPa	ISO 527-2
Tensile Strain at Break	>50	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Tensile Modulus	2400	MPa	ISO 527-1
Flexural Stress	80	MPa	ISO 178
Impact			
Notched Izod Impact (Area), (23 °C)	45.0	kJ/m²	ASTM D256
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	130	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	125	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	108	°C	ISO 75-2/A
UL Information			
Flame Rating	HB		UL 94