

ColorRx® PCPB-1000NB

Polycarbonate + PBT

LTL Color Compounders, Inc.

Message:

A PC/PBT alloy with improved chemical resistance designed for use in medical equipment enclosures, such as monitoring and imaging devices, where body contact is not an issue.

General Information			
Features	Good Chemical Resistance		
Uses	Medical/Healthcare Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	52.4	MPa	
Break	41.4	MPa	
Tensile Elongation (Break)	180	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	850	J/m	ASTM D256

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