

Technical Data Sheet

Diamaloy PC/PBT-1418 NA(20M)NAT



Polycarbonate + Polyester

Product Description

Diamaloy PC/PBT-1418 NA(20M)NAT is a Polycarbonate + Polyester material.

Regulatory Status

For regulatory compliance information, see PC/PBT-1418 NA(20M)NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status Discontinued
Availability North America

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (265 °C/2.16 kg, Procedure A)	18	g/10 min	ASTM D1238
Density - Specific Gravity	1.23	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min, Type I)	62.1	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Procedure B, Method I (3 point load))	2310	MPa	ASTM D790
Impact			
Notched Izod Impact			
(23 °C, 3.18 mm, Method A)	750	J/m	ASTM D256
(-22 °C, 3.18 mm, Method A)	430	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi), (3.18 mm)	102	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi), (3.18 mm)	119	°C	ASTM D648

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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