

Technical Data Sheet

**Diamaloy PC/ABS-1218EF NANAT**



Polycarbonate + ABS

**Product Description**

Polycarbonate + ABS, Easy Flow Injection Grade Colors Available Add "R" for Added Release Add "U" for UV Stabilized

**Regulatory Status**

For regulatory compliance information, see PC/ABS-1218EF NANAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	North America
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flow
<b>Appearance</b>	Colors Available

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (260 °C/5.0 kg)	18	g/10 min	ASTM D1238
Density - Specific Gravity	1.13	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	55.8	MPa	ASTM D638
Flexural Modulus	2260	MPa	ASTM D790
Tensile Elongation at Break	>140	%	ASTM D638
Flexural Strength	86.2	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact, (3.18 mm)	640	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	110	°C	ASTM D648

## Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

## 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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