

## Technical Data Sheet

### *Diamaloy* PC/ABS-1211P.21 Grey SF



Polycarbonate + ABS

#### Product Description

Polycarbonate +ABS, Impact Modified Injection Grade - PlatableColors AvailableAdd "R" for Added ReleaseAdd "U" for UV Stabilized

#### Regulatory Status

For regulatory compliance information, see PC/ABS-1211P.21 Grey SF [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Impact Modified; Platable
Appearance	Colors Available
Additive	Impact Modifier

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (260 °C/5.0 kg)	11	g/10 min	ASTM D1238
Density - Specific Gravity	1.1	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	51	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Tensile Elongation at Break	>140	%	ASTM D638
Flexural Strength	68.9	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact			
(23 °C, 3.18 mm)	640	J/m	ASTM D256
(-30 °C, 3.18 mm)	320	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	98.9	°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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