

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

Processing Method	Injection Molding
Attribute	Impact Modified; Platable
Appearance	Colors Available
Additive	Impact Modifier

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	11	g/10 min	ASTM D1238
Density - Specific Gravity	1.1	g/cm ³	ASTM D792
Mechanical			
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
Impact			
Notched Izod Impact			
(23 °C, 3.18 mm)	640	J/m	ASTM D256
(-30 °C, 3.18 mm)	320	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	98.9	°C	ASTM D648