Technical Data Sheet

Diamond PC-1403XUR CL901

Polycarbonate

Product Description

Extusion/Blow Molding Grade PolycarbonateMedium Flow - Clear and Colors AvailableAdd "R" for Added ReleaseAdd "U" for UV Stabilizer

Processing Method	Blow Molding; Extrusion
Attribute	Medium Flow
Appearance	Clear/Transparent; Colors Available
Application	Blow Molding Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	3	g/10 min	ASTM D1238
Density - Specific Gravity	1.21	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield	62.1	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Tensile Elongation at Break	>130	%	ASTM D638
Flexural Strength	100	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	750	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	132	°C	ASTM D648