



Diamond PC-1418UR CL901 SF

LyondellBasell Industries - Polycarbonate

General Information

Product Description

Injection Grade Polycarbonate
 High Flow - Clear and Colors Available
 Add "R" for Added Release
 Add "U" for UV Stabilizer

General

Features	• High Flow
Appearance	• Clear/Transparent • Colors Available
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Melt Mass-Flow Rate (MFR)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9010	psi	ASTM D638
Tensile Elongation (Break)	> 130	%	ASTM D638
Flexural Modulus	331000	psi	ASTM D790
Flexural Strength	14300	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	12	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	270	°F	ASTM D648