

TexRes PC 0018

TexCo Resin - 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	• Black • Clear/Transparent
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Melt Mass-Flow Rate (MFR)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	6.0E-3	in/in	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9000	psi	ASTM D638
Tensile Elongation (Break)	> 130	%	ASTM D638
Flexural Modulus	330000	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
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		Internal Method