

**ColorFast® PC130UR**

Americhem - Polycarbonate

**General Information**
**Product Description**

PC130UR is a medium flow injection molding grade of PC with mold release. It is UV stabilized and has higher optical purity.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Mold Release • UV Stabilizer		
Features	• Excellent Colorability • Good Mold Release • Lubricated • UV Stabilized		
Uses	• Automotive Applications • Closures • Consumer Applications • Engineering Parts	• Household Goods • Housings • Industrial Applications • Industrial Parts	• Office Automation Equipment • Outdoor Applications
Forms	• Pellets		
Processing Method	• Injection Molding		

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	5.0E-3 to 7.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	9000	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	7.0	%	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	130	%	ASTM D638
Flexural Modulus <sup>2</sup>	340000	psi	ASTM D790
Flexural Strength <sup>2</sup>	13900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	14	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed, 0.250 in)	270	°F	ASTM D648

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 2.0 in/min
