



TRIVALENCE

TriVEX™ 62 (U,R)

Polycarbonate

	General Information
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Product Description	
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High flow polycarbonate

FEATURES

- High flow to fill thin wall and long parts
- High Optical Quality

ADDITIONAL FORMULAS

- Added Release "R"
- Additional UV "U"

COLOR

- All
- Transparent

General	
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| Typical Applications | -Appliance, electrical, lawn & garden, automotive, medical |
| Processing Method | -Injection |
| Form(s) | -Pellets |
| Availability | -North America, Europe, Asia, Latin America |

	ASTM / ISO Properties ¹
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Physical	Nominal Value	Unit	Test Method
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Density	1.19	g/cm ³	ASTM D792
Melt Flow Rate (300°C/1.2kg)	40-60	g/10min	ASTM D1238
Molding Shrinkage - Flow (3.2mm)	0.5 to 0.7	%	TVT Internal
Outdoor Suitability (QUV) (12U Grades)	Pass		TVT Internal

Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength, brk	8000	psi	ASTM D638
Tensile Elongation	>100	%	ASTM D638
Flexural Modulus	340000	psi	ASTM D790
Notched Izod Impact	10	ft-lbs/in	ASTM D256
Rockwell Hardness	118	R-Scale	ASTM D785

Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (0.45 MPa)	252	°F	ASTM D648
Deflection Temperature Under Load (1.8 MPa)	248	°F	ASTM D648
Vicat Softening Temperature	282	°F	ASTM D1525
CLTE - Flow	4.5E-5	in/in/°F	ASTM E831

Flammability	Nominal Value	Unit	Test Method
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0.06 in	HB		UL94 - TVT Internal
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Recommended Processing Guidance	
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Drying Temperature	230 to 250 °F
Drying Time	3 to 6 Hours
Suggested Max Moisture	0.02 %
Processing Melt Temperature	580 to 610 °F
Mold Temperature	160 to 200 °F