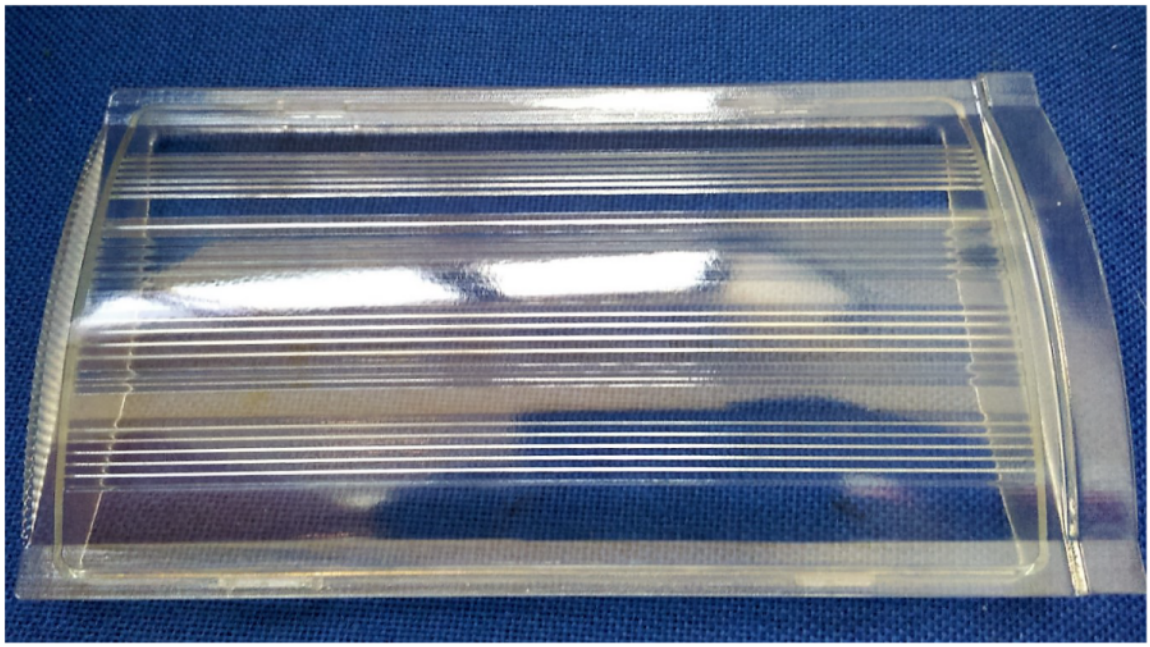
Accura® ClearVue™ by 3DSystem



The best material to get transparent prototypes

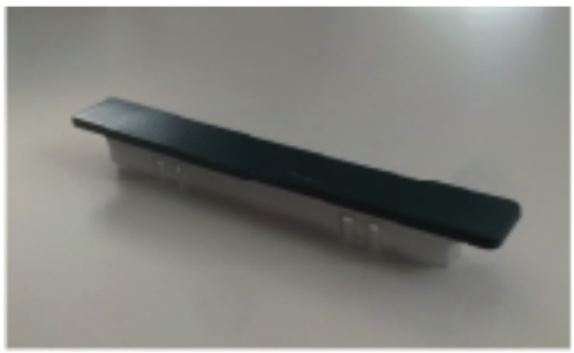
Applications

Highly aesthetic transparent prototypes for:

- Lights and lenses
- Observe the flow of internal fluids
- Prototypes for medical applications

Benefits

Great rendering in transparency
Further opaque or opal finishes
High resistance to moisture
Elasticity and resistance to stress
USP Class VI certification



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Materiale liquido		
Appearance		Chiaro/trasparente
Liquid density	@ 25 °C	1.1 g/cm^3
Solid density	@ 25 °C	1.17 g/cm^3
Viscosity	@ 30 °C	235-260cps
Depth of penetration (Dp)		6.1 mils
Critical Exposure (Ec)		9.5 mJ/cm^2

Materiale polimerizzato		
Tensile strength	ASTM D638	46-53 MPa
Voltage module	ASTM D638	2.270-2.640 MPa
Stretching to break (%)	ASTM D638	3-15 %
Flexural resistance	ASTM D790	72-84 MPa
Bending module	ASTM D790	1.980-2.310 MPa
Impact resistance (Izod with carving)	ASTM D256	40-58 J/m
Temperature deflection temperature	ASTM D 648 @ 66 PSI @264 PSI	 51 °C 50 °C
Hardness Shore D		80
Thermal expansion coefficient	ASTM E831-93 @25-50 °C @50-100 °C	 122 µm/m-°C 155 µm/m-°C
Thermal expansion coefficient (tg)	DMA, E''\	62 °C
Absorption of water	ASTM D570-98	0.3%

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