

# Med610

Bio-compatible MED610 is a medical material. It features high dimensional stability and colorless transparency like frosted glass. The material is ideal for applications requiring prolonged skin contact of more than 30 days and short-term mucosal-membrane

Bio-compatible material has five medical approvals including cytotoxicity, genotoxicity, delayed type hypersensitivity, irritation and USP plastic class VI. The process of the printed part is not clinical but you can do your own

process of disinfection. We can as a producer of the part offer to put the part in Isopropanol for 30min and dry for 2 hours before packing and deliver the part.

Thermal Properties	Test Method	Metric
Tensile Strength, MPa	ASTM D638	50-65
Elongation at Break, %	ASTM D638	10-25
Modulus of Elasticity, MPa	ASTM D638	2000-3000
Flexural Strength, MPa	ASTM D790	75-110
Flexural Modulus, MPa	ASTM D790	2200-3200
Izod Notched Impact J/m	ASTM D256	20-30
Hardness, Shore D	Scale D	83-86
Heat Deflection Temperature, °C	ASTM D648, 0.45MPa	45-50 °C
Heat deflection Temperature, °C	ASTM D648, 1.82 MPa	45-50 °C