

Splint Rigid Resin

Suitable for retainer and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Transparency
- High Elongation
- High Impact Strengyh



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Color: **Transparent**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	78-82	Shore D
Flexural modulus	ASTM D 790	1400-1600	MPa
Flexural strength	ASTM D 790	>40	MPa
Tensile modulus	ASTM D 638	550-650	MPa
Tensile strength	ASTM D 638	> 30	MPa
Elongation at break	ASTM D 638	110~120	%
Impact strength,notched Izod	ASTM D 256	200-250	J/m
Heat deflection temperature	ASTM D648 @66PSI	65	°C

Withstands high-temperature sterilisation at 135°C without cracking or deformation.