PIOCREAT

Splint Rigid Resin

Suitable for retainer and medical application.

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



Learn More

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



FDA ISO MSDS REACH RoHS ISO - 10993 ISO - 13485[1]

*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	℃

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

Add: 3rd Floor, Building 1, No. 156 Huawang Road, Langkou Community, Dalang Street, Longhua District, Shenzhen, China, 518109
Tel: +86 199 2521 7796 | +86 0755-2103 9743 Web: www.piocreat3d.com