PIOCREAT

Splint Flex Resin

Suitable for night guard and medical application.

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



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	75-80	Shore D
Flexural modulus	ASTM D 790	1000-1200	MPa
Flexural strength	ASTM D 790	30~40	MPa
Tensile modulus	ASTM D 638	300-400	MPa
Tensile strength	ASTM D 638	25-30	MPa
Elongation at break	ASTM D 638	120-150	%
Impact strength,notched Izod	ASTM D 256	180-250	J/m
Heat deflection temperature	ASTM D648 @66PSI	60-70	℃

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

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