

# Ortho Model 2.0 Resin

Suitable for the fabrication of orthodontic models, working models for thermoforming technique and aligner technology.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness



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Color: **Yellowish Brown**  
 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      | 85-90     | Shore D |
| Flexural modulus             | ASTM D 790       | 1200-1600 | MPa     |
| Flexural strength            | ASTM D 790       | 80-95     | MPa     |
| Tensile modulus              | ASTM D 638       | 600-1000  | MPa     |
| Tensile strength             | ASTM D 638       | 40-50     | MPa     |
| Elongation at break          | ASTM D 638       | 10-15     | %       |
| Impact strength,notched Izod | ASTM D 256       | 35-45     | J/m     |
| Heat deflection temperature  | ASTM D648 @66PSI | 75-85     | °C      |