

## Features

- BC(biocompatibility)  
USP(United States Pharmacopeia)  
National Standard GB/16886 J In vitro hemolysis test  
National Standard GB/T4806.7 for food safety contact materials and products
- Size Accuracy
- High Strength
- High reuse rate

## Application

- Complicated Structure
- Food Container
- Medical Instruments

## Specification

Mechanical properties	Test method	Metric
Part Color	Visual	White
Density	DIN 53466	0.95g/cm <sup>3</sup>
Elongation at break	ASTM D638	8-15%
Flexural Strength	ASTM D790	47 MPa
Flexural Modulus	ASTM D750	1,700 MPa
Heat Deflection Temperature 0.45Mpa	ASTM D648	167°C
Heat Dedflection Temperature 1.82Mpa	ASTM D648	58°C
Tensile Modulus	ASTM D256	1,700 MPa
Tensile Strength	ASTM D638	46 MPa
IZOD Impact Strength with notch	ASTM D256	51 J/M
IZOD Impact Strength without notch	ASTM D256	738 J/M

Note: 1. The above parameters based on specified test method and heating energy might not be achieved with different conditions.  
2. 15% deviation of test result might happen on different testing platform.  
3. The above data are subject to update without prior notice.



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