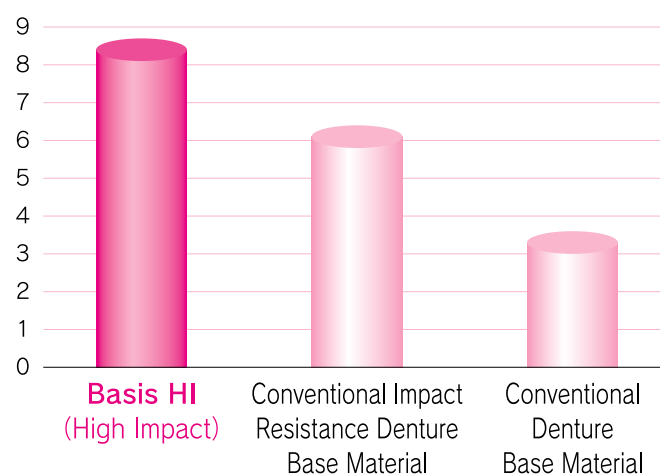


# Basis HI

## High Impact Resistance

### Heat-Curing Resin for Denture Base

#### Impact Resistance (Falling Ball Test)



Basis HI is a thermoplastic elastomere high impact resistance heat-curing resin for denture bases. High impact resistance – guarantees worry-free application and use for patients and dental professionals.

**High Impact Resistance.** Basis HI is a mixture of thermoplastic and elastomeric polymers exhibiting both the advantages of typical plastic and rubbery materials. These combined characteristics resulted in Basis HI's superb durability.

**Excellent Temperature Stability.** Basis HI thermoplastic elastomere formulation is designed to withstand thermal effect during denture production and usage. Denture integrity against deformation due to thermal effect is preserved.

**Non-Creeping.** The right proportion of copolymers' cross-linking prevents the tendency of the denture from slow deformation inside the mouth's stress. Longevity of denture use is guaranteed.

**Outstanding Color Stability.** The problem over color tarnishing and fading is prevented by Basis HI's stable copolymers' cross-linking.

**Allows More Sufficient Working Time.** An adaptable and aesthetically pleasing denture is achievable without any air bubble formation or shrinkage in a less working time.

#### Features:

- High Impact Resistance
- Excellent Temperature Stability
- Non-Creeping
- Outstanding Color Stability
- Allows More Sufficient Working Time










BASIS HI Powder

BASIS Liquid

#### Physical Properties

Parameter	Value
Flexural Strength MPa	109
Flexural Modulus, MPa	2400
Vickers Hardness, Hv	19.5
Stain	Reflectance, $\Delta E$
Resistance	Transmittance, $\Delta E$
Sorption, $\mu\text{g}/\text{mm}^3$	22.0
Solubility, $\mu\text{g}/\text{mm}^3$	0.4
Residual Monomer, %weight	0.7

Packing	Powder	Liquid		
1-1Set	1kg	500mL		
	Accessories: Pipette x 1			
Retail	1kg, 3kg, 10kg	500mL (Pipette x 1), 1L, 17L		
Shades	 O-Pink	 V-Pink	 LFPink	 LF $\alpha$
	 Light Pink	 Pink	 Dark Pink	

\*O-Pink, V-Pink, LFPink and LF $\alpha$  are vein fiber-containing shades.



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