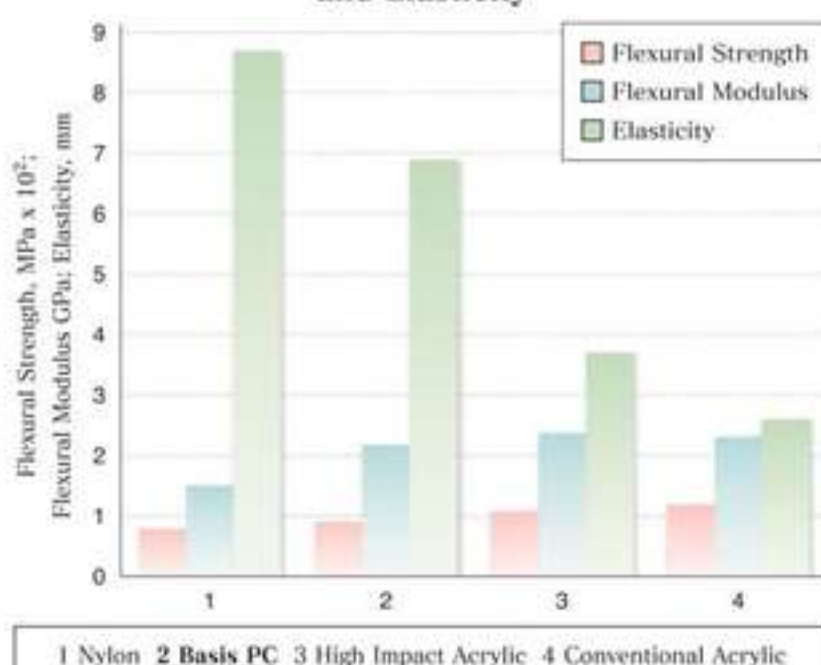


Basis PC

New Semi-Flexible
POLYCARBONATE

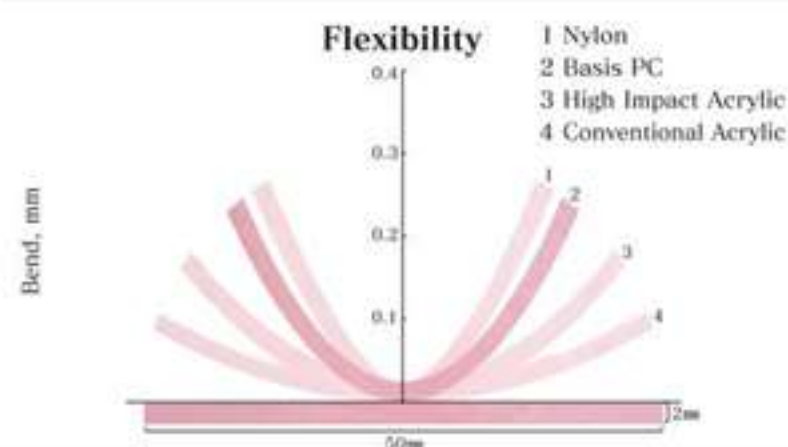
Thermoplastic Injection Resin for Denture Base

Flexural Strength, Flexural Modulus and Elasticity



Balanced Strength. Basis PC mediates the gap between Nylon and Acrylics' strength characteristics resulting in its exceptional and distinctive quality.

Semi-Flexible. The concurrent proportion of Basis PC's strength characteristics gave rise to a new semi-elastic denture material.



Features:

- **Balanced Strength**
- **Semi-Flexible**
- **Outstanding Stain Resistance**
- **Exceptional Water Sorption**
- **Superb Durability**
- **Repairable**

Physical Properties

Parameter		Value
Flexural Strength MPa		95
Flexural Modulus, MPa		2076
Vickers Hardness, Hv		12.6
Stain Resistance	Reflectance, ΔE	0.8
	Transmittance, ΔE	0.5
Elasticity, mm		6.9
Impact Resistance, kJ/m²		16.0
Sorption, $\mu\text{g}/\text{mm}^3$		4.3
Solubility, $\mu\text{g}/\text{mm}^3$		0.1



Basis PC Pellets



Aluminum Tubes

Packing	Shade			
1 kg / pack	 Clear	 Clear Pink	 Marble Pink	
Accessory		Aluminum Tube ($\phi = 2.5\text{cm}$)		
Type	Soft	Hard		
Height, cm	10	4.4	7.8	8.5
Pellets mass, g	32	12	24	26



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