



FLEXURAL STRENGTH MPA

55



- ✓ Dual curing mechanism
- ✓ High compressive strength
- ✓ High flexural strength
- ✓ Good shear bond strength
- ✓ Radiopaque

Powder/Liquid 15gm/6ml plus mixing pad and scoop



AHfil LC Light Curing Resin Modified Restorative Material

AHfil glass ionomer filling materials are manufactured using translucent alumina-silicate glass that offers good aesthetics without compromising on strength and wear resistance.

The material features both chemical and light curing mechanisms to ensure the best mix of early strength and command setting. Offering both good compressive and flexural strengths to provide durable restorations. High shear bond strength to both dentine and enamel ensures good adhesion to the natural tooth structure. Available in four popular Vita® shades to enable accurate matching to the natural tooth structure.

Indications

- Deciduous cavity restoration
- Class V and III restorations
- Core Build up

Features

- Dual curing mechanism
- High compressive strength
- High flexural strength
- Good shear bond strength
- VITA® shades
- Radiopaque
- Easy mixing

Advantages

- Provides strength and control
- Offers good compression resistance
- Gives good flexibility in the key areas
- Great adhesion to tooth structure
- Accurate colour matching
- Shows on X-rays
- Good handling characteristics

Available in	Code
A2	AH0300
A3	AH0301
A3.5	AH0302
B2	AH0303

Property	ISO9917-2:2010 Class 4.2c	Typical Properties
Flexural Strength	25MPa	55MPa
Compressive Strength	-	221MPa
Shear Bond Str (Dentine)	-	11.7MPa
Shear Bond Str (Enamel)	-	12.1MPa
Radiopacity (mm)	1.0	2.5

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