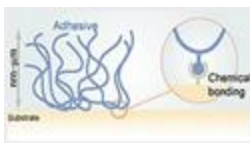


# Low Refractive Index Coatings

## New Product Release Announcement

# PC 340HA



We are pleased to announce the release of UV-curable PC 340HA, which is a new product with the lowest commercially available RI in the polymer cladding (PC) materials market.

The HA series is specifically formulated to enhance adhesion to core glass. In contrast to typical PC products on the market today, which suffer from increased optical loss due to delamination of the cladding layers, the HA series shows no sign of degradation in optical properties even after 1,000 hours in stressed aging tests under high temperatures and humid conditions.

### Salient features include:

1. An ultra low cured state RI of 1.340, suitable for manufacturing very high NA (0.55) optical fibers.
2. Strong adhesion to core glass improves longevity under high humidity/temperature conditions which makes this product the perfect candidate for robust fiber recoat applications.
3. PFOA and PFOS-free formulations.
4. It passes boiling water immersion test.

### Boiling Water Test:

1. Two slide glasses were bonded with PC 375HA and 375L AP
2. Samples were immersed in boiling water for 1 hour
3. Then samples were tested by UTM

	Boiling Water Test
PC 375HA	Glass Broken
PC 375AP	Delamination

