

PHYSICAL DATA

PRODUCT SPECIFICATION

PRODUCT; **GEM LITE AP**

Material ; Photo cure Anterior/ Posterior composite

Physical Property Data Test Yes (equiv. 4mm aluminium)

Filler content (% by weight)	85.0
Filler content (% by volume)	68.5
Theoretical SG	2.4

Setting time upon irradiation with intense beam of blue light
Less than 10 seconds

Compressive Strength (mpa)	206.8	(lb in 2)	30.000
Diametral Strength (mpa)	48.0	(1lb in 2)	6965

Fluoride ion release (1week in water at 37c pH 6.7)

Yes regenerative fluoride release

*tested at 1.5mm Min 1

Product code 1165