

apt[®] advanced polymer technology flow
Technical Data

Resin	BisEMA/aromatic urethane dimethacrylate
Filler content	559 mg/g BaAIBSi, silanized, ø 0,7 µm, max 2,6 µm
Operation light resistance	> 5 minutes at 11000 lux
Depth of cure	2.7 mm after 20 seconds
Flexural strength	> 120 MPa
Modulus of elasticity	>4 GPa
Shades	Matching the VITA shade guide
Colour stability	Stable according to ISO 4049
Radioopacity	> 100% Aluminium
Barcol hardness	> 50
Polymerization shrinkage stress	< 5 MPa after 30 minutes
Consistency	Medium viscous, homogeneous paste
Aspect after curing	Smooth, compact, glossy surface
Conformity with ISO 4049	Fulfilled

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