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Machines for the application of adhesives & sealants  
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Adhesive systems



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## **VITRALIT 3142**

### **PRODUCT DESCRIPTION**

Vitralit 3142 is a UV/Visible light curable medium viscosity, plastic adhesive. It has good adhesion to a variety of dissimilar materials including PC, PMMA, Steel and Glass. Vitralit 3142 cures to a tack free finish even under low intensity UV lamps (8mW/cm<sup>2</sup>). It has a good gap filling ability for cleavage. Vitralit 3142 is also classified by USP Class V1 and qualified for all sterilisation methods.

### **Technical Data**

Resin: Acrylat-Urethan  
Colour: Transparent

### **Uncured Properties**

Viscosity: 8,000-15,000 mPas (Brookfield LTV/25°C)  
Flash Point °C >100  
Density g/cm<sup>3</sup> Approx 1.1  
Refractive index nD20: 1.513

### **Cure Data**

UV (UV-A 60mW/cm<sup>2</sup>. 0.05mm (Sec) 10  
Full Strength (hours) 12

### **Cured Properties**

Shore hardness D 75-85  
Water Absorption (Gew%) <1%

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