

## **TECHNICAL BULLETIN**

**PRODUCT:** POLYRAD 3300™

POLYRAD 3300™ is a high molecular weight radiation curable polyester acrylate methacrylate oligomer diluted with toluene for ease of handling and incorporation. POLYRAD 3300™ possesses low shrinkage properties; it exhibits good scratch resistance and promotes adhesion to many types of substrates. Inks and coatings based on POLYRAD 3300™ also exhibit toughness and abrasion resistance.

POLYRAD 3300™ is compatible with all types of reactive diluents, and with all types of photoinitiators.

### **PHYSICAL PROPERTIES:**

Density (g/cm <sup>3</sup> )	1.0675 ± 0.0025
Tg	50.0° ± 2.5° C
Coefficient of Thermal Expansion	$\alpha_1 = 70 \pm 2$
Shrinkage (TGA @ 300°C)	< 1.0%
Molecular weight (neat oligomer)	3000 avg.
Diluent:	Toluene (36 pbw)
Weight Solids	64.0%
Viscosity (@ 40°C)	<5000 centipoise

For further information, please direct your inquiries to:

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