



## **TECHNICAL BULLETIN**

**PRODUCT:** POLYRAD™ FM 16-86

POLYRAD™ FM 16-86 is a medium viscosity acrylated urethane oligomer that cures via a free radical mechanism. The major benefits of formulating with POLYRAD™ FM 16-86 are that it imparts a good balance of cure response and tensile properties in cured films. Good abrasion resistance and scratch resistance properties can be obtained by incorporating POLYRAD™ FM 16-86 into your formula. Because POLYRAD™ FM 16-86 possesses high thermal stability (>300° C) it is an ideal material for use on heat-sensitive substrates.

POLYRAD™ FM 16-86 is recommended for coating, ink and adhesive applications. It can be used as the primary oligomer in radcure applications. POLYRAD™ FM 16-86 is compatible with all radiation-curable monomers and oligomers.

### **PHYSICAL PROPERTIES:**

Appearance	Light straw to light amber color
Density (g/cm <sup>3</sup> )	1.0005 ± 0.0025
Viscosity	2500 ± 250 cps. @ 23° C
Molecular weight (avg.)	820 g/mol.
Weight Solids	>99.9%

For further information, please direct your inquiries to:

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