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## PL-7121: Urethane Dimethacrylate

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PL-7121 is a novel, low-shrink, aliphatic urethane monomer based on Esstech's proprietary methacrylate technology. PL-7121 possesses a volumetric shrinkage of 2.0 - 2.5%, has very low color, and can be added to formulations to add toughness. PL-7121 possess the excellent combination of superior elongation and strength.

**Typical Applications:** PL-7121 is suitable for a wide range of coatings applications. It can be used in UV, LED, and EB cure applications.

**Performance Properties:**

- *Non-yellowing*
- *Good tensile strength*
- *Good Toughness*
- *Low Color*

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### TYPICAL PROPERTIES

Functionality	2
Viscosity @ 40C	88000 cps
Color, APHA	<25
% Elongation*	57%
Tensile Strength*	30 N/mm <sup>2</sup>
Elastic Modulus*	480 N/mm <sup>2</sup>

\*Per ASTM D638-10, UDMA + 3% PL-460 photoinitiator

All Information contained in this data sheet is given in good faith and without liability. It is intended to serve only as guidance. Users are advised to conduct their own evaluation of the product to determine its proficiency into products and processes. Users should ensure that the use of the product complies with all applicable current legislation. 09/2016