

### INTRODUCTION

ADDITOL® XL 481 is a cost effective flow modifier developed for use in a wide range of solvent-borne applications including coil coatings, industrial coatings and wood finishes. It is compatible with a variety of resin chemistries including, but not limited to, high solids alkyds, polyesters, and acrylics. ADDITOL XL 481 contains no silicone ingredients.

### TYPE

Acrylic flow modifier, without silicone addition

### FORM OF DELIVERY (F.O.D.)

Active substance: 60% in xylene

### PRODUCT DATA

#### Determined per batch:

#### Non-Volatile

non-volatile by weight [%]	58.5 - 61.5
non-volatile by volume, theoretical [%]	55.6

#### Color/Appearance

color	Clear, colorless liquid
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#### Dynamic Viscosity

Brookfield LV, #1 spindle, 30 RPM [mPa.s]	100 maximum
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#### Acid Value

on solids	1 maximum
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#### Color Scale

APHA	100 maximum
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#### Not continually determined:

#### Density

density [lbs./gal.] [25°C]	8.05 ± 0.10
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#### Flash Point (Setaflash)

approx. flash point	81°F (27°C)
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### SPECIAL PROPERTIES AND USE

The addition of ADDITOL XL 481 will help:

- improve flow and levelling
- reduce pinholes, fisheyes, craters, and orange peel
- improve substrate wetting
- aid in air release
- facilitate pigment dispersion

Quantity to be added: 0.1 - 1.0 % on solid resin

### STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 1460 days.

### PRECAUTIONS

Before using ADDITOL XL 481, see the Safety Data Sheet (SDS) for information on the identified hazards of the material and the recommended personal protective equipment and procedures.

### STORAGE AND HANDLING

Care should be taken to protect from freezing. Care should be taken to not expose the product to high temperature conditions, direct sunlight, ignition sources, oxidizing agents, alkalis or acids. Storage and handling should be in polyethylene containers. Wash thoroughly after handling. Keep container tightly closed. Use with adequate ventilation. See the SDS for the recommended storage temperature range for ADDITOL XL 481.

**NOTE: Currently unavailable in Europe. REACH registration pending.**