

PAT-ADD LE 1020

Product Data Sheet

Rev 01

April 2018



Product Features

PAT-ADD LE 1020 is a leveling and substrate wetting additive for solvent-borne coatings

PAT-ADD LE 1020 is suitable for clears.

PAT-ADD LE 1020 provides flow, leveling and gloss optimization

Main benefits are:

- Highly effective leveling and substrate wetting additive
- Wide range compatibility
- Reduce coefficient of friction (COF)
- Reduce risk of pigment float
- Effective in epoxies, PUR, acrylics, polyester industrial paints and inks

Physical Characteristics:

Appearance	: Clear Colorless Liquid
Viscosity @ 25°C/77°F	: < 15 cP
Specific gravity @ 25°C/77°F	: 0.850 – 0.880
Composition	: Polyether modified polysiloxane
Solvents	: Xylene
Active content (Aprox.)	: 10.0%

“Physical parameters indicated here in product data sheet are typical properties and not specification limits or range.”

Properties:

PAT-ADD LE 1020 is a highly efficient surface tension modifier, effective at very low dosages. The product demonstrates excellent substrate wetting, preventing craters, pinholes and poor substrate wetting on critical substrates such as improperly cleaned substrates and low surface energy substrates.

PAT-ADD LE 1020 provides excellent coating surface smoothness, contributes slip and mar resistance, and counteracts pigment float and or foam stabilization.

PAT-ADD LE 1020 is for pigmented and clear paints.

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Dosage & Addition

The optimal amount of PAT-ADD LE 1020 is system and application related; in order to retain proper recoat, excessive levels should be avoided. PAT-ADD LE 1020 can be added to the formulation during any stage of paint production.

The recommended dosage is between 0.05 to 1,0%, calculated on the total weight of the formulation.

We highly recommended empirical evaluation of performance and properties using conditions that replicate field practicess.

The optimum concentration depends on the individual formulation and conditions.

End Use Application

PAT-ADD LE 1020 is recommended as a leveling additive for solvent borne and solvent-free coating formulations.

Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in un opened original containers as shipped by Patcham when stored in frost free warehouse.

Storage, transportation, safety and Handling

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet (SDS).

Packing size

Drum: - 180.0 kgs, Can: -20.0 kgs.

Disclaimer:

While every effort is made to provide accurate and complete test results for The PATCHAM ADDITIVES, various data may vary depending upon different raw materials, test procedures and test conditions. The accuracy, reliability, or totality of the results are not guaranteed or warranted in any way. PATCHAM FZC and its representatives disclaim liability of any kind whatsoever, including liability for quality, performance and fitness for a particular purpose arising out of the use, or inability to use the test results.