



PATCHAM (FZC)

PAT-ADD DA 2650

PRODUCT DATA SHEET

PAT-ADD DA 2650 is an effective synergist for conjunction between pigment and polymeric dispersant to improve pigment dispersion and stability in liquid organic media. Major application areas include high loaded solvent borne pigment concentrates, automotive and Industrial paints, offset and gravure inks.

PHYSICAL CHARACTERISTICS:

Appearance	: Blue powder
Density (g/cm ³)	: 1.14
Melting point	: >300°C
Boiling point	: Non-volatile solid
Active matter	: 100%

PROPERTIES:

PAT-ADD DA 2650 is specially designed to be used as synergist for optimisation of the interaction between polymeric dispersants and pigment surfaces. The product is seldom used alone, but typically used in conjunction with polymeric dispersants such as Pat-Add DA 934 or DA 936. Related to the blue color, PAT-ADD DA 2650 is recommended as a dispersion synergist for organic blue pigments as well as carbon blacks mainly. Applicability on other pigment colors has to be checked individually.

Using PAT-ADD DA 2650, results in remarkable reduction of pigment dispersion viscosity, so enabling highest pigment loadings.

MAIN BENEFITS ARE:

- Enables highest pigment loadings, at lowest viscosity
- Optimizes pigment stabilisation, reducing risk of flocculation
- Enhances performances of polymeric dispersants
- Optimises color strength

DOSAGE AND ADDITION:

PAT-ADD DA 2650 is used in solvent borne systems and performs best if used in conjunction with polymeric pigment dispersants such as Pat-Add DA 934 and other members of the DA 900 series. Typically, as ratio of 1 part DA 2650 and 5 to 10 parts of DA 934 is required. Please refer to the recommended dosage of the Pat-Add DA 900 polymeric dispersants first, and use additionally the DA 2650 for optimising pigment loading and reducing viscosity. PAT-ADD DA 2650 is added to the millbase, well mixed in the liquid, before the addition of the pigments; next step is the milling process.

For information on handling and safety please refer to the information from the Material Safety Data Sheet