

## POLIVA-MG

**POLIVA MG:** Is a copolymer emulsion, internally plasticized with acrylic ester with a non-Volatile content of approx. 50%.

It has medium viscosity and strong binding power and it is suitable for the production of paints with high PVC, where good flexibility and excellent weathering resistance needed.

### PRINCIPAL PROPERTIES

- Strong binding power.
- Good washability even at high PVC values.
- Excellent flexibility.
- Excellent scrub resistance
- No yellowing problems

### Main uses

- Interior & exterior wall paints
- Gloss & semi-gloss paints
- Sheen & deep shade paints

### TECHNICAL CHARACTERISTICS

- |   |                     |
|---|---------------------|
| - Solid contents (%)  | 50±1 %              |
| - Viscosity (mpa.s) at 25 °C<br>(Brookfield viscometer RVT 20 rpm, sp4) | 2,000 ± 1,000       |
| - pH  | 4.5 ± 0.5           |
| - Density (gr./cm <sup>3</sup> )  | 1.05                |
| - Freeze-thaw stability   | V. Good             |
| - Particle size (um)  | approx. 0.1 – 0.3   |
| - Emulsifier system   | anionic / non-ionic |
| - Minimum film forming temperature (MFFT)                               | about 10 °C         |

### PROCESSING NOTES

Pigmenting can be done in the normal way by mixing the pigments and extenders with the usual additives and water in a paste. Addition of a dispersing agent in small amounts in combination with sodium hexametaphosphate or tripolyphosphate is strongly recommended. The polymer dispersion should be added only after the required degree of grinding has been achieved.

Incorporation of good coalescent solvents like Texanol (Eastman) will yield better results in film washability.