

MA6310

Technical Data Sheet

A. Identification

- Product description: Cross-linking, Silicone-containing surface additive
Silicone diacrylate-based additive for radiation-curable printing inks, coatings and adhesives with a considerable reduction in surface tension. Remarkable tape release property, increases the surface slip and leveling performance.
- Product code: MA6310

B. Product Data

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

- Appearance: Lightly yellow to amber clear liquid
- Active constituent: 100% active
- Surface tension (25 °C): 20-23 mN/m
- Viscosity (25 °C): 400-560cps
- Refractive index (25 °C): 1.443

C. Product features

- Strong COF reduction, increased surface slip and tap release with permanent effect.
- Improves substrate wetting and leveling.
- Non-migratory.
- Good Compatibility.

D. Recommended Levels

- 0.1-1.0 % additive (as supplied) based upon total formulation for printing inks, varnishes and adhesives. 0.05-2.0% additive for coatings.
- The additive can be added during any stage of the production process, including post-addition.

E. Packing

- 25-Kg pails and 180-Kg drums
- Or other specified package

F. Storage and Handling

- Product should be stored and transported below 40 °C and kept away from direct sunlight.
- After partial use of MA6310 Fluid it is recommended to seal the containers.