

NEW

ADDITIVES FOR POWDER COATINGS

TEGO® Powder Aid D01

Multifunctional polymeric additive for powder coatings



Description

TEGO® Powder Aid D01 is a multifunctional polymeric additive, consisting of 100% active matter pellets, for powder coatings.

When added to powder coating formulations, this effective additive reduces melt viscosity which leads to improved degassing effect.

TEGO® Powder Aid D01 improves pigment wetting and provides better dispersion during extrusion. It contributes significantly to an increase in gloss and DOI. The new additive imparts these positive properties to powder coating formulations without containing surface-active waxes. As a result, formulators will not encounter problems with overcoating.

TEGO® Powder Aid D01– At a Glance



Universal usage

- Suitable for all pigmented and highly-filled formulations
- Convenient in any binder system with low dosage



Performance

- Overbake resistant
- No effect on interfacial adhesion
- Equivalent storage stability



Easy to blend

- Full dispersion within polymer matrix
- Compatible with other additives



[Click here for more information!](#)

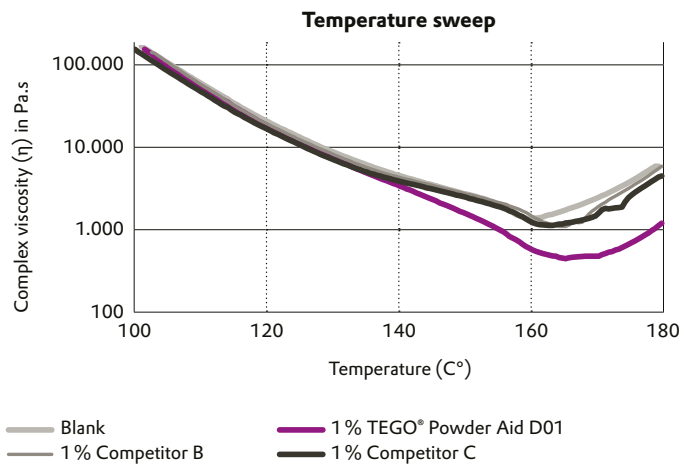
Reduced melt viscosity

TEGO® Powder Aid D01 offer unique properties for powder coatings

- effective additive for adjusting the melt viscosity
- ability to apply thicker layers by improving degassing threshold
- contributing to better gloss development in high PVC systems

Test system:

HAA Super Durable Light Gray – Highly Filled Inorganic



Improved pill flow

Pill flow:

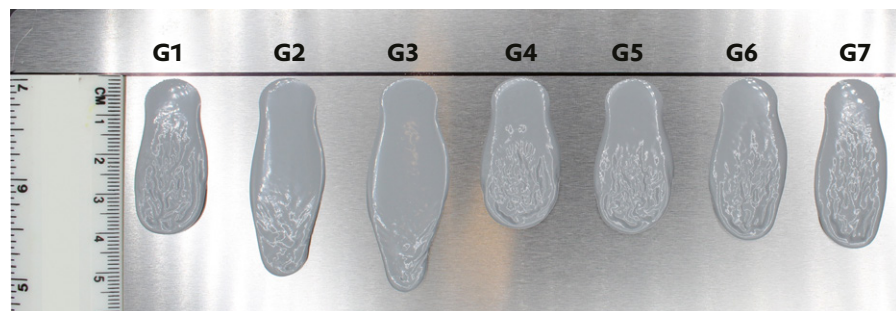
1 g pill

Test conditions:

149°C/300°F
for 15 min

Test system:

HAA Super Durable
Light Gray –
Highly Filled Inorganic



	Blank	TEGO® Powder Aid D01		Competitor B		Competitor C	
	G1	G2	G3	G4	G5	G6	G7
Pill flow (mm)	40	52	55	39	40	41	42
Gloss units (20°)	54	59	64	59	63	49	52
Degassing threshold (µm)	76	81	84	76	84	84	84

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