



Matting Agent newadd-04220

Application:

newadd-04220, is a low wax containing and resin based matting agent designed for applying in exterior PES/TGIC powder coatings to provide low gloss of ca.10% (60°) and excellent extursion stability.

The dosage of **newadd-04220** can be 1 - 4%.

2% to 50% Smooth matt finishes with 60° gloss values can be achieved with **newadd-04220**.

Since glossy & resin have relation, Lab test is necessary before production. Coatings formulated with NEWPOL-0251 (50:50), NEWPOL-0261 (60:40), can provide lower gloss and good impact properties.

Note: Catalyst such as imidazole (for improving impact properties) is not recommended, as which may increase the gloss and effect on flowing properties.

Curing condition: 190 °C/15min or 200 °C/12min.

Specification:

Appearance	White Powder
Softening point	100-140 °C
Non-volatile	99% min

Recommend Formulation:

	(KG)
newpox-0120 (Epoxy Resin)	0.28
newpol-0251 (Polyester Resin)	0.28
newadd-04220 (Matting Agent)	0.04
newadd-02023 (Flow agent)	0.01
newadd-02040 (Leveling Supplement)	0.008
newadd-02032 (Benzoin)	0.004
newfill-02010 (BaSO4)	0.354
Carbon Black	0.008

Remark:

Gloss 60°	3%
Film thickness (um)	60 – 80
Direct/Reverse Impact (kg.cm)	50

Package and shelf life:

Available in polyethylene-lined, multi-ply paper bags, N.W. 25KGS/Bag.

Store in cool and dry place; keep away from fire; wash with water after operation.