

Novinox PAS in Silicone epoxy – Powder Coating

Guiding formulation/REF 604159
SILRES 604

Dry film thickness: **60-80µm**
Salt spray resistance **640hrs** according to the ASTM B-117
Targeted market: Powder coating for mufflers and barbecues

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
SILRES 604	46.67	Silicone resin	WACKER CHEMIE
VESTAGON B 1530	1.16	IPDI - resin	EVONIK
PK 3095	6.26	Black Iron oxide	FERRO
MICA SOFT 15	14.30	Filler	CMMP
TALC 10M2	17.69	Filler	IMERYS
NOVINOX PAS	13.40	Anticorrosion pigment	SNCZ
RESIFLOW PV 88	0.45	Flowing agent	ESTRON CHEMICAL
TOTAL WEIGHT	100		

Test result :

- Salt spray performance : **640h** (60-80µm)
- **Good Q-UV resistance** (Cycle : 4h UV_B (max 313 nm) @ 60°C + 4h humidity @ 50°C – no UV_B) during 504h
- Pencil hardness : superior to 9h
- Temperature resistance : **500°C**



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