



# SIRALES<sup>®</sup> PE 7320 A

APPLICATION DATA  
RS/063/061001/1

## Typical formulation

SIRALES PE 7320 A	604
ARALDIT PT 810	46
BYK 360/P	12
BENZOIN	4
KRONOS 2310	334

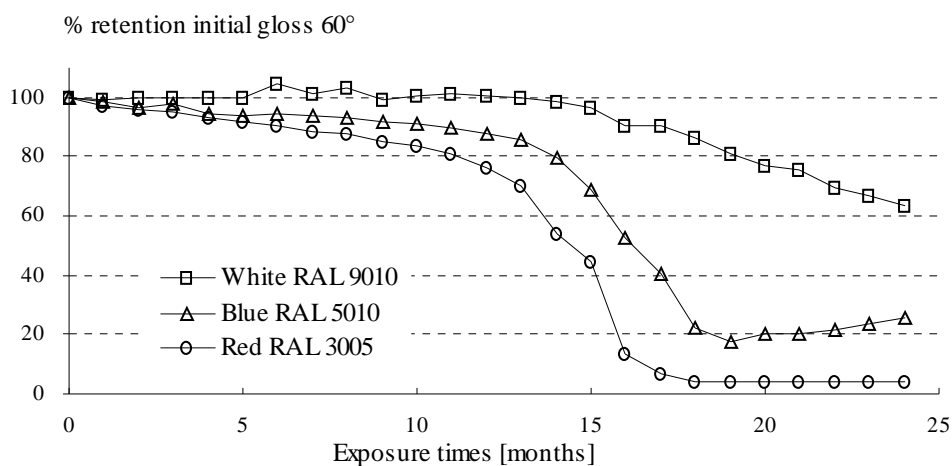
## Extrusion condition

Extruder	BUSS PLK 46
Casting temperature	120°C
Screw temperature	Cold
Speed	110-130 rpm

## Film properties (curing cycle 15 min. at 200°C; 20 min. at 180°C real time)

Film thickness	60-100µm
Indentation (DIN 53156)	> 9 mm
Direct gardner impact (ASTM D 2794)	> 10 Nm
Reverse gardner impact (ASTM D 2794)	> 10 Nm
Mandrel bend resistance (ASTM D 522)	pass

## Florida exposure test



5 degree south – washed

SIRALES<sup>®</sup>: SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.

# SIRALES<sup>®</sup> PE 7320 A

APPLICATION DATA  
RS/063/061001/2

## Outdoor matt powder coating with Sirion VP 1016

### Starting Formulation

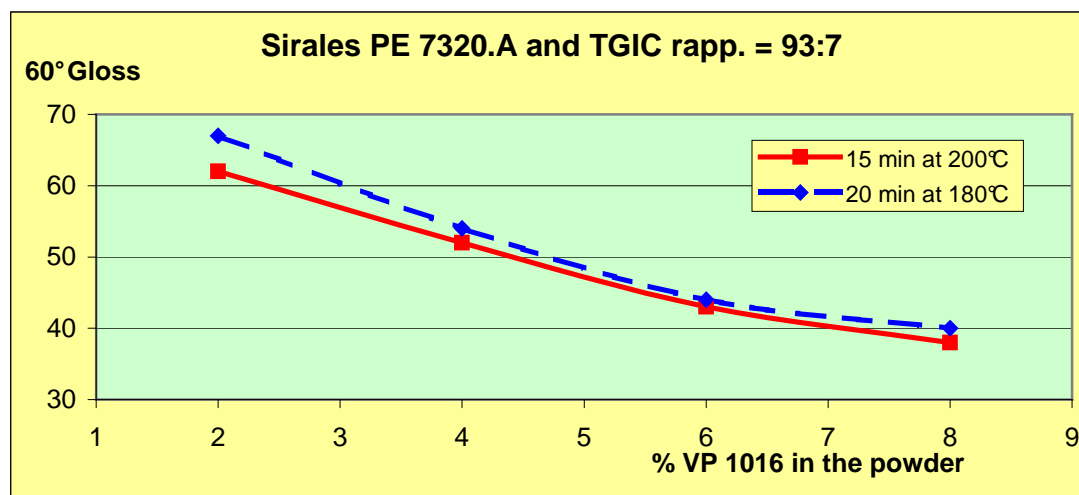
Components (pbw)	2%	4%	6%	8%
Sirales PE 7320.A	558	558	558	558
Araldit PT 810	42	42	42	42
Byk 360/P	8	8	8	8
Benzoin	4	4	4	4
Titanium dioxide Kronos 2310	368	348	328	308
Sirion VP 1016	20	40	60	80

### Curing Schedule: 15 minutes at 200°C

	2%	4%	6%	8%
Gloss 60°	62	52	43	38
Gloss 20°	25	23	23	18

### Curing Schedule: 20 minutes at 180°C

	2%	4%	6%	8%
Gloss 60°	67	51	45	40
Gloss 20°	27	24	22	16



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