

# CRYLCOAT® 4698-2

Flexible Superdurable for ACE application



A new resin to manufacture flexible powder coating



CRYLCOAT 4698-2 is a carboxylated superdurable polyester resin for use with HAA to manufacture powder coatings with outstanding flexibility combined with improved mechanical strengths and excellent chemical and overbake resistance.

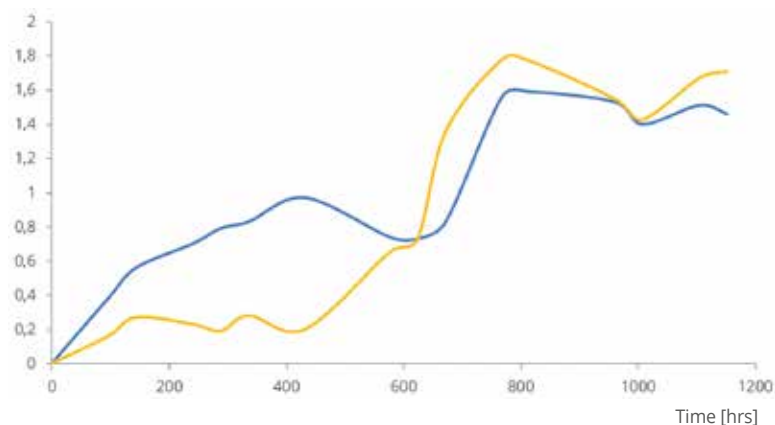
## Value Proposition

- Outstanding flexibility
- Excellent chemical and overbake resistance
- Good mechanical strength
- Good outdoor weathering resistance

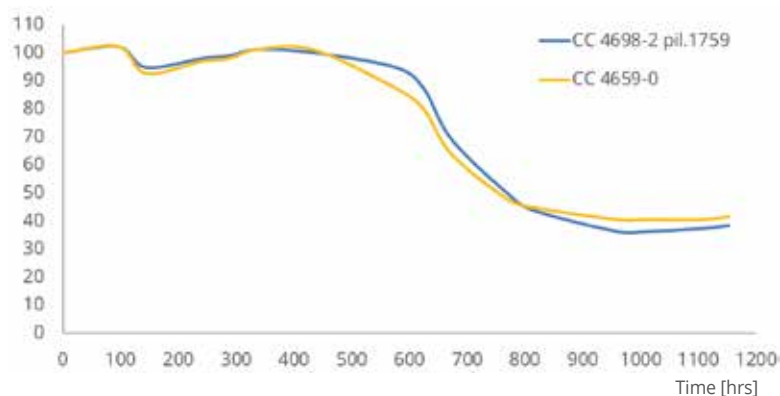
Product Spécification	4659-0	4698-2
Brookfield viscosity @ 200°C (mPa.s)	3710	3860
Acid value (mg KOH/g)	31.4	34.4
Glass transition temperature (°C)	59	59.6

High Gloss Formulation	Weight
CRYLCOAT®	350
Primid® XL 552	35
Kronos 2160	300
Benzoin	5
MODAFLOW Powder 6000	10

### Delta E



### Gloss Retention [%]



QUV B- Irradiantes = 0.75 W/m<sup>2</sup>,  
Condition: 50°C-4hrs UV radiation  
40°C-4hrs Condensation

Test Description	Test Method	CC 4659-0	CC 4698-2
Gel time @ 200 °C (sec)	PCI #6	57	57
Cupping (mm)		1.1	5.5
Impact resistance (min) @ 2 mils (D/R) (in/lb)	ASTM D2794	16/<5	36/20
Gloss (60°/20°)	ASTM D523	85 / 93	85 / 93
Smoothness (PCI)	PCI #20	6.5	6
Distinctness of Image (DOI)	ASTM D523	82	83
Flexibility (Conical Mandrel) (mm)	ASTM D522	20.9 (Fail)	12.3 (Pass)
Over-bake @ 230 °C x 30 min (ΔB / ΔE)	ASTM D2244	5.3 / 7.4	3.7 / 4.5

CRYLCOAT 4698-2 available now for customers in Asia Pacific, flexible superdurable for ACE application.

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**Email: [custinfo@allnex.com](mailto:custinfo@allnex.com) - Worldwide Contact Info: [www.allnex.com](http://www.allnex.com)**