INTRODUCING CRYLCOAT® E 04926

OUR SOLUTION FOR ECO-CONSCIOUS POWDER COATING FORMULATORS



Engineered for the low bake needs of the powder coatings market, CRYLCOAT® E 04926 not only delivers substantial energy savings but also boosts environmental sustainability, playing a vital role in the circular economy.

Our HAA low bake outdoor industrial polyester resin CRYLCOAT® E 04926 allows curing **at 160°C instead of the traditional 180°C.** This reduction in curing temperature translates to potential energy savings of up to **10%** for a medium-sized production facility using an oven with a capacity of 500Kwh. This not only lowers operational costs but also reduces the carbon footprint of the coating process.

Key Benefits

- **Sustainability:** Incorporates 25% recycled rPET, reducing plastic waste.
- **Energy Efficiency:** Cures at 160°C instead of 180°C, saving up to 10% energy in medium-sized production with 500Kwh ovens.
- **Cost Reduction:** Lower energy consumption reduces operational costs.
- **Versatility:** Excellent for indoor and outdoor metal applications.
- **Low Bake Advantage:** Meets modern low bake demands for efficient curing.

INNOVATIVE CHEMISTRY FOR ALL NEX>T GENERATIONS

Formulations based on CRYLCOAT® E 04926 are designed to have no difference in workability compared with traditional powder coating resins. We recommend choosing CRYLCOAT® E 04926 to achieve a sustainable, energy-efficient and cost-effective powder coating solution.

Product specifications

CRYLCOAT®	E 04926	2696-6
Acid Value (mg KOH/g)	36	37
Brookfield Viscosity @ 200°C (mPa.s)	5000	4000
Tg (ºC)	60	60

CRYLCOAT®	E 04926	2696-6
Gel time @ 180ºC (sec)	170	130
Curing condition	180°C x 10 min	180°C x 10 min
Impact, ip (D/R) (@ 24 h) Fresh paint	70/70	70/70
Gloss (20º/60º)	88/97	88/95
Smoothness: PCI	3-4	3

For additional details on this product and starting-point formulations, please reach out to our technical expert:

- **Massimiliano Censi:** massimiliano.censi@allnex.com

To browse through our portfolio on our product finder, please scan the QR code.

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