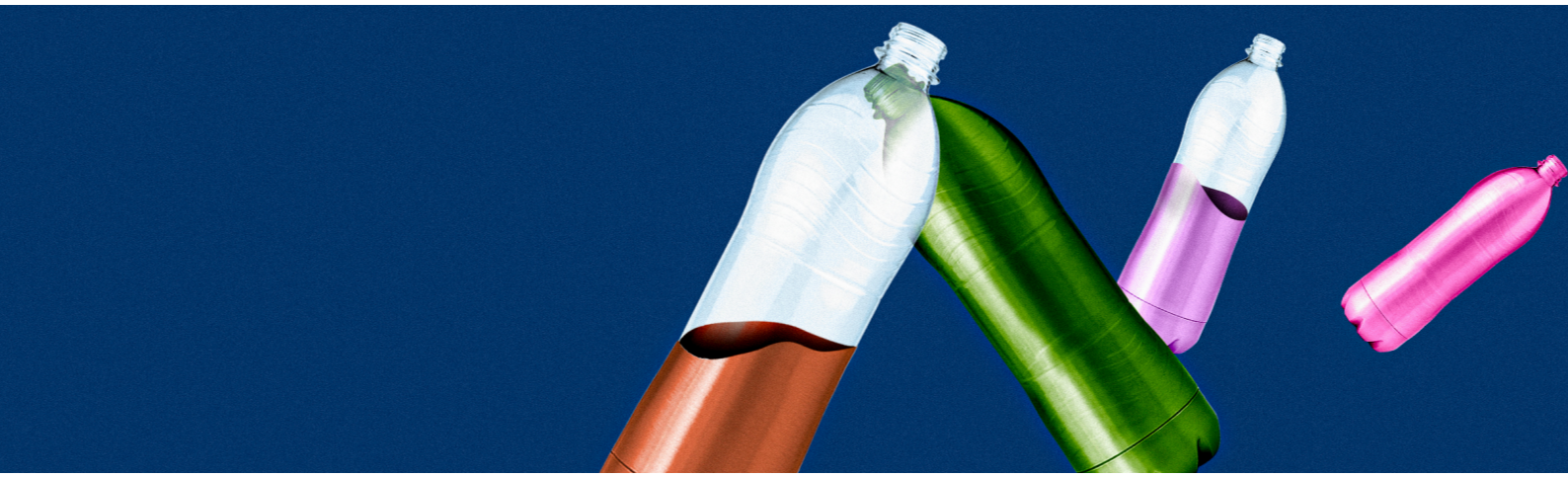
# INTRODUCING CRYLCOAT® E 04811

## To optimize your space with Eco-Excellence



By designing innovative sustainable resins for powder coatings, we repurpose consumer PET, effectively meeting the demands of green technology. CRYLCOAT® E 04811, containing a substantial amount of recycled PET, supports the circular economy. With an acid value around 32 mg KOH/g for 70/30 Hybrid formulations, it ensures no difference in workability compared to traditional powder coating resins.

### Environmental Benefits:

- **Recycled PET:** By incorporating 25% rPET we reduce plastic waste and contribute to a cleaner planet.
- **Circular Economy:** Our circular approach ensures that materials are recycled for similar applications, minimizing waste.

### Performance Highlights:

- **Quality Assurance:** Engineered to meet stringent quality requirements for indoor powder coatings.
- **Versatility:** Formulated with epoxy hardeners, it's ideal for industrial metal applications, including household appliances and metal furniture.

# INNOVATIVE CHEMISTRY FOR ALL NEX>T GENERATIONS

Formulations based on CRYLCOAT® E 04811 are designed to have no difference in workability compared with traditional powder coating resins. We recommend choosing CRYLCOAT® E 04811 to achieve a sustainable, energy-efficient and cost-effective powder coating solution.

## Product specifications

| CRYLCOAT® | E 04811 pil.2233 | 1781-0 |
|---|---|---|
| Acid Value (mg KOH/g) | 32 | 30 - 36 |
| Brookfield Viscosity @ 200°C (mPa.s) | 4800 | 4200 - 5800 |
| Tg (ºC) | 60 | 60 |

| CRYLCOAT® | E 04811 pil.2233 | 1781-0 |
|---|---|---|
| Gel time @ 200ºC (sec) | 98 | 134 |
| Curing condition | 180°C x 10 min | 180°C x 10 min |
| Impact, ip (D/R) (@ 24 h) Fresh paint | 160/160 | 160/160 |
| Gloss (20º/60º) | 93/97 | 93/99 |
| Smoothness: PCI | 5 | 5-6 |

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

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

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