

Impranil® DL 2066 & Impranil® CQ 2566

Polyurethane dispersions
for high-quality textile
topcoats



Impranil® DL 2066 & Impranil® CQ 2566 Advanced protection for demanding applications

In today's sustainability-conscious market, demand for more durable topcoats with superior protective properties and resistance to light and heat is growing. With the all-new Impranil® DL 2066 and Impranil® CQ 2566 from Covestro, manufacturers can rely on coatings that deliver enhanced durability and protection while maintaining a high-performance and high-quality finish.

Choose Impranil® CQ 2566 for a more sustainable solution

Both these solutions contribute to circularity principles by helping a wide range of consumer products to last longer – but thanks to Impranil® CQ 2566, textile producers can reduce their coating's environmental footprint further. Made using approximately 62% bio-based content, Impranil® CQ 2566 offers a more sustainable option without compromising on quality.

Key benefits of Impranil® DL 2066 & Impranil® CQ 2566:

- Dry hand feel
- Outstanding hydrolysis resistance
- Protection against thermo-yellowing
- Excellent alcohol resistance
- Robust mechanical properties
- **Impranil® CQ 2566** is made from approximately 62% bio-based content
- Good color crocking fastness and color brightness when formulated with pigments

Applications:

- Automotive interiors
- Sports and outdoor textile materials
- Technical textiles
- Upholstery

Product features at a glance

PROPERTIES	METHOD	IMPRANIL® DL 2066	IMPRANIL® CQ 2566
Non-volatile content	DIN EN ISO 3215	29 – 31%	29 – 31%
pH value	DIN ISO 976	7.2 – 8.6	7.2 – 8.6
Viscosity at 23°C	DIN EN ISO 3219/A.3	10 – 50 mPas	10 – 50 mPas
Modulus at 100%	DIN 53504	5 Mpa	5 Mpa
Elongation at break	DIN 53504	750%	760%
Tensile strength	DIN 53504	50 Mpa	52 Mpa
ΔE after aging at 120°C for two weeks (500-micron wet thickness)		<0.7	<0.2
Bio-based content*	ASTM-D6866-21		~ 62%

* % renewable carbon, 14C measurement according to ASTM-D6866-21 standard



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¹Please see the "Guidance on Use of Covestro Products in a Medical Application" document.

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