

## RECOVYN™ PVC 557RB

Pioneering circular PVC, produced using 100 % recycled carbon feedstock from plastic waste

### TYPE

Copolymer of vinyl chloride and vinyl acetate produced by suspension polymerisation.

### TYPICAL PROPERTIES

| Property                           | Reference standard | Unit               | Typical value* |
|------------------------------------|--------------------|--------------------|----------------|
| K-value                            | ISO 1628-2         | -                  | 57             |
| Vinyl acetate content              | Internal           | %                  | 11             |
| Apparent bulk density <sup>1</sup> | ISO 60             | kg/dm <sup>3</sup> | 0.550          |
| Retained on 180 µm                 | ISO 1624           | %                  | ≤ 1.5          |
| Retained on 63 µm                  | ISO 1624           | %                  | ≥ 70           |
| Volatiles content                  | ISO 1269           | %                  | ≤ 0.3          |

<sup>1</sup>with antistatic agent addition

\* The above mentioned data are typical test values measured on the products ; they have to be used as a guide only and can in no event be considered as specifications.

### PROCESSING TECHNIQUES

After mixing with appropriate additives, RECOVYN™ PVC 557RB is suitable for processing by a number of techniques including calendering and extrusion.

### APPLICATIONS

RECOVYN™ PVC 557RB is recommended for rigid applications where good thermoforming properties are required, typically:

- thermoformed rigid films e.g. blisters for food packaging and pharmaceutical packaging, sleeves, furniture veneers and technical films
- highly-filled calendered floorings.

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|------------------------|------------|-------|----|
| Date                   | April 2025 | Issue | 01 |

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Users of INEOS Inovyn's products should consult the appropriate INEOS Inovyn's Health and Safety literature, or SDS which is available from your sales or technical representative.

In this context, INEOS Inovyn remains available for any further technical information such final article manufacturer may need in that regard.

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### SUSTAINABILITY

As an industry leader and world-class producer of chlor-alkali and vinyl materials, our products are fundamental to modern society. We embrace the responsibility that accompanies this influential position, and as European market leader, understand our potential to effect **positive change throughout our value chains**.

INEOS Inovyn's strategy towards sustainability is embedded within our **four key pillars** and we aim to position ourselves as an innovation pioneer, developing new solutions at every stage of the journey. Our sustainability pillars are:

#### Pillar 1 - Responsible production :

Striving for zero incidents and taking an industry-leading approach on the health of our employees, partners involved in the value chain and our impact on the environment.

#### Pillar 2 - Carbon neutrality :

Accelerating the transition to a Net Zero carbon economy.

#### Pillar 3 - Circularity :

Advancing circular solutions to maximise efficient use of resources and ensure the long-term value of our products.

#### Pillar 4 - Value to society :

**Products** : ensuring that our products continue to bring significant value to society.

**People** : ensuring that our employees are valued and INEOS Inovyn plays a positive impact on society and the communities in which we operate.

Our ambition is to **provide leadership through sustainable innovation**.

By harnessing INEOS Inovyn's expertise and technologies, we will meet evolving customer needs and deliver products that are essential to modern life.

At INEOS Inovyn, we are members of the leading European Industry associations that align with our portfolio and interests, and that share the same drive towards a sustainable future for our industry.

INOVYN™, BIOVYN™, RECOVYN™ and NEOVYN™ are trademarks, the property of INOVYN ChlorVinyls Limited.

INEOS™ is a trademark, the property of INEOS Capital Limited.

For the complete trademarks statement, please consult: <https://www.inovyn.com/information/trademark-statement/>.

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| TDS RECOVYN™ PVC 557RB |            |       |    |
|------------------------|------------|-------|----|
| Date                   | April 2025 | Issue | 01 |