



# 200-CA25

## Product Technical Information

Polypropylene Random Copolymer

### Benefits & Features

**200-CA25** is a clarified random copolymer with a medium ethylene content and good flow primarily intended for injection moulding of clear articles. 200-CA25 has a property profile also suitable for injection stretch blow moulding (ISBM).

- Clarified
- Antistatic
- Good flow

### Applications

- Transparent thin wall injection moulding
- Caps and closures
- Housewares
- Clarified food containers
- ISBM Bottles

| Properties                    | Conditions    | Test Methods      | Values | Units   |
|-------------------------------|---------------|-------------------|--------|---------|
| <b>Physical</b>               |               |                   |        |         |
| Melt Flow Rate                | 230°C/2.16Kg  | ISO 1133-1        | 25     | g/10min |
| <b>Mechanical*</b>            |               |                   |        |         |
| Flexural Modulus              | 23°C          | ISO 178           | 1100   | MPa     |
| Tensile Strength at Yield     | 23°C          | ISO 527-1,-2      | 28     | MPa     |
| Izod Impact Strength, notched | 23°C          | ISO 180/A         | 5.5    | KJ/m2   |
| Izod Impact Strength, notched | 0°C           | ISO 180/A         | 2.8    | KJ/m2   |
| <b>Optical</b>                |               |                   |        |         |
| Haze                          | 1mm Thickness | ASTM D 1003       | 15     | %       |
| Haze                          | 2mm Thickness | ASTM D 1003       | 30     | %       |
| <b>Thermal</b>                |               |                   |        |         |
| Crystallisation Temperature   | DSC           | INEOS Test Method | 119    | °C      |
| Heat Deflection Temperature   | 0.45 MPa      | ISO 75-2          | 85     | °C      |
| Vicat Softening Temperature   | 10N           | ISO306/A50        | 129    | °C      |

**Data should not be used for specification work**

\* Values determined on injection moulded specimens acc. to ISO 1873-2, based on 7 days conditioning time



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## Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

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## Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website [www.ineos.com](http://www.ineos.com) where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

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