



# 203-CA25

## Product Technical Information

Polypropylene - Random Copolymer

### Benefits & Features

**203-CA25** is a clarified random copolymer with a medium ethylene content and good flow primarily intended for injection moulding of clear articles. It allows relatively low temperatures without losing in transparency

- Clarified
- Antistatic
- Good flow

### Applications

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

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	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>				
Crystallization Temperature	DSC	INEOS Test Method	120	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	86	°C
Vicat Softening Temperature	10N	ISO306/A50	130	°C
<b>Data should not be used for specification work</b>				

### 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.