

## 205-CA25 and 205-CA40

Medium/high fluidity random copolymers with outstanding optics

### Product features

- | Medium and high fluidity
- | Excellent aesthetics and appearance
- | Using the last generation of clarifying agent
- | Antistatic
- | Food contact approved



These high clarity grades are dedicated to the injection moulding of transparent technical and packaging items.

### Benefits for customers



The recently developed **205-CA25** and **205-CA40** offer the following advantages:

- | **Excellent optics** even at low processing temperatures
- | **Low yellowness index**
- | **Increased productivity** and **Energy savings** resulting from lower processing temperatures achievable thanks to the excellent clarifier dispersion

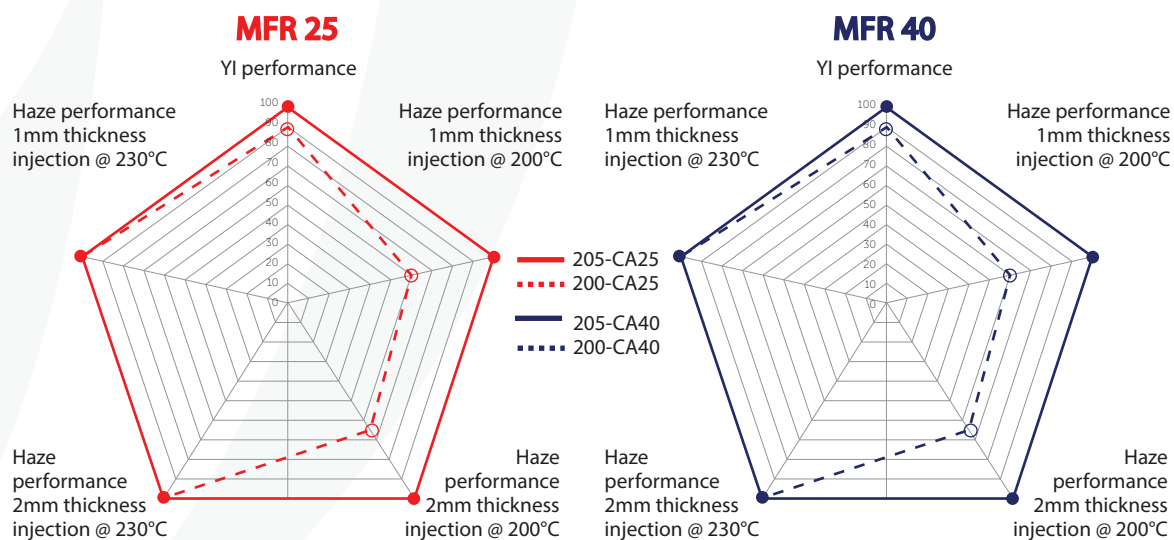
# 205-CA25 and 205-CA40

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## Product characteristics (Comparison with current INEOS random copolymers)

Property	Method	Standard	Unit	200-CA25 Standard	205-CA25 New	200-CA40 Standard	205-CA40 New
Melt Flow Rate	2.16kg@230°C	ISO 1133	g/10min	25	25	40	40
Flexural Modulus	@23°C	ISO 178	MPa	1100	1100	1100	1100
Tensile Strength @yield	@23°C	ISO 527-1,-2	MPa	28	28	28	28
Izod Notched Impact Strength	@23°C	ISO 180/1A	kJ/m <sup>2</sup>	5.5	5.5	5	5
Izod Notched Impact Strength	@0°C	ISO 180/1A	kJ/m <sup>2</sup>	2.8	2.8	2.8	2.8
<b>Haze</b>	1mm Plate, injection@200°C	ASTM D1003	%	<b>25</b>	<b>15</b>	<b>25</b>	<b>15</b>
<b>Haze</b>	2mm Plate, injection@200°C	ASTM D1003	%	<b>45</b>	<b>30</b>	<b>45</b>	<b>30</b>
Haze	1mm Plate, injection@230°C	ASTM D1003	%	15	15	15	15
Haze	2mm Plate, injection@230°C	ASTM D1003	%	30	30	30	30
Vicat T°	10N	ISO 306/A50	°C	129	129	128	128
HDT	0.45 MPa	ISO 75/B	°C	85	85	83	83

Data not to be considered as specification



Performance: No unit, relative values - the higher, the better.

For Product Data Sheet and Safety Data Sheet please visit us at [www.ineos.com](http://www.ineos.com) or contact your INEOS O&P Europe local representative or send an e-mail to [ineospofcsc@ineos.com](mailto:ineospofcsc@ineos.com)