

The latest Polypropylene Random Copolymer for Caps and Closures

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240-HP25 for Caps & Closures

Product features

- / Faster crystallisation
- / Higher fluidity
- / Enhanced impact/stiffness balance
- / Excellent hinge performance
- / Clarified and antistatic

Energy
consumption

Up to 10 % reduction

Productivity



Lower
processing T°

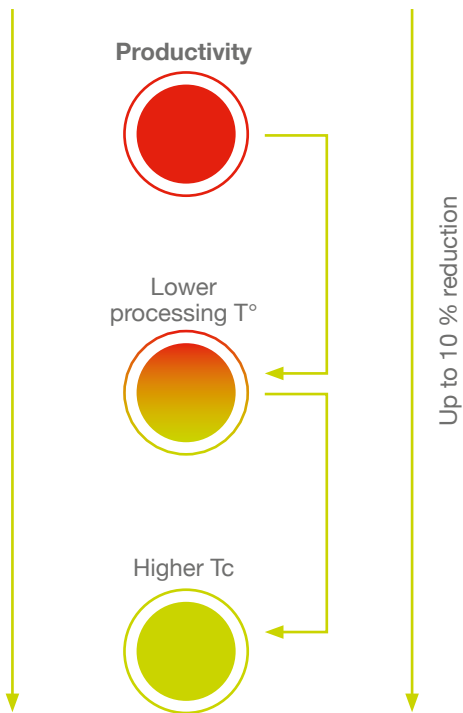


Higher T_c



Cycle
time

Up to 10 % reduction



Benefits for the customers

The developed **240-HP25** from Innovene™ PP technology offers the following advantages:

/ Increased productivity

resulting from

- lower processing temperatures
- higher crystallisation rate

/ Lightweighting potential

potential as a consequence of higher rigidity and improved impact performance

/ Energy savings

from lower processing temperatures and reduced cycle times



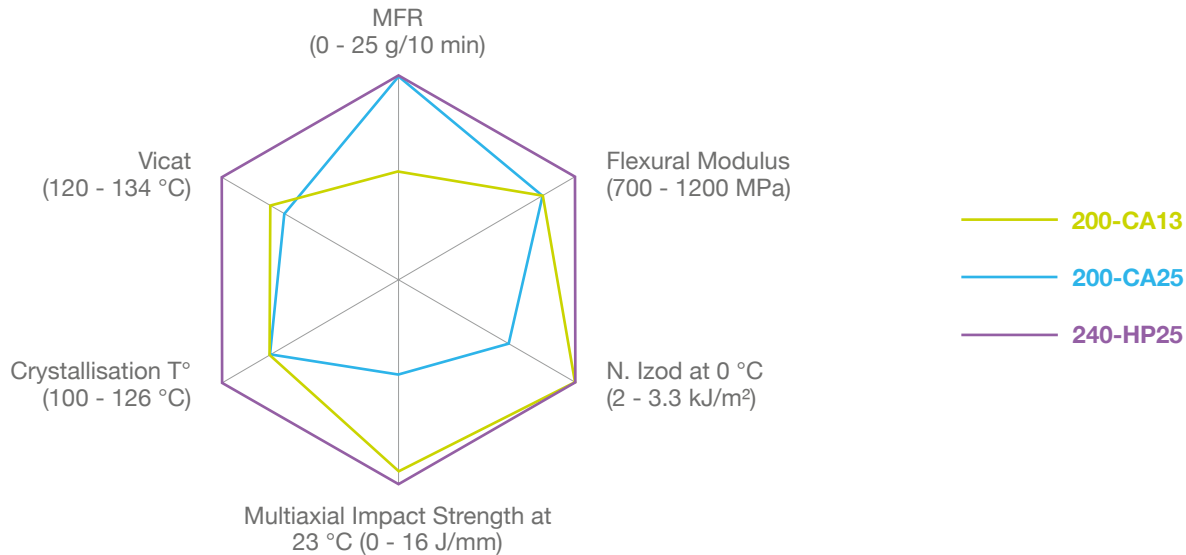
240-HP25 is food contact approved and is available with an organoleptic guarantee (Eltex® P 240-OR25)

Product Characteristics

Comparison with standard random Copolymers

	Unit	Standard	200-CA13	200-CA25	240-HP25
Melt Flow Rate 230 °C/2.16 kg	g/10 min	ISO 1133	13	25	25
Flexural Modulus at 23 °C	MPa	ISO 178	1100	1100	1200
Tensile Strength at Yield, 23 °C	MPa	ISO 527-1,-2	28	28	30
N.Izod at 23 °C	kJ/m ²	ISO 180/1A	6	5.5	6
N.Izod at 0 °C	kJ/m ²	ISO 180/1A	3.3	2.8	3.3
Multiaxial Impact Strength at 23 °C	J/mm	ISO 6603-2	15.2	7.4	15.7
Haze 1 mm	%	ASTM D 1003	15	15	18
Crystallisation Temperature	°C	DSC, INEOS	119	119	126
HDT at 0.45 MPa	°C	ISO 75/B	90	85	90
Vicat at 10 N	°C	ISO306/A50	130	129	134

Data not to be considered as specification



About us

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INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.



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