

540-CA13

a new generation of high impact copolymer polypropylene

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540-CA13 is a high impact copolymer polypropylene grade recommended for injection moulding of luggage, crates and boxes as well as for the production of compounds. This new grade offers a unique set of mechanical properties which were specifically designed to give very high levels of impact resistance at low temperatures.



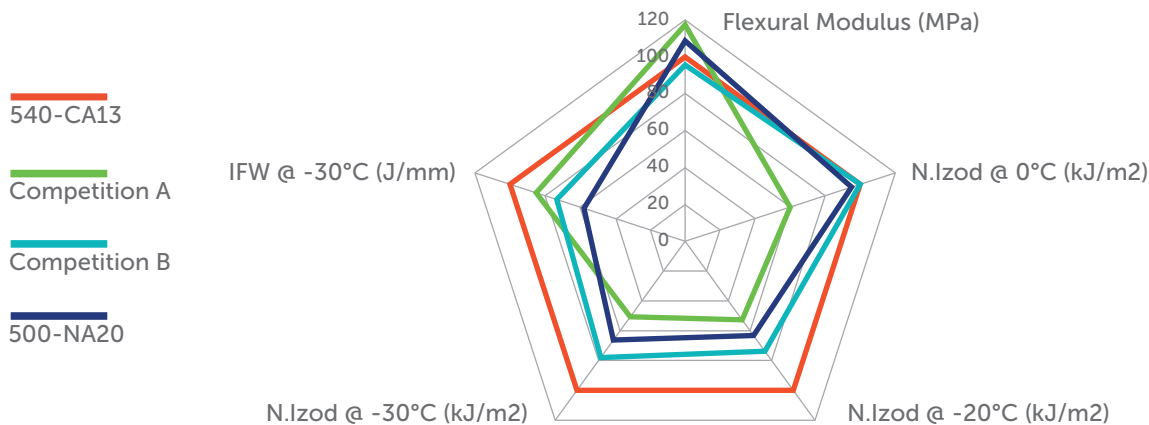
Product properties

Properties	Methods	540-CA13	500-NA20	Units
		New	Standard	
MFR 230°/2.16kg	ISO 1133	13	20	g/10min
Flex. Modulus	ISO 178	1150	1250	MPa
Tensile Strength @ yield	ISO 527-1,-2	22,5	25	MPa
Notched Izod @ -20°C	ISO 180/1A	9,5	6	kJ/m2
Notched Izod @ -30°C	ISO 180/1A	7,7	5	kJ/m2
Impact Falling Weight @ -20°C	ISO 6603-2			
Total Penetration Energy		41	26	J
HDT 0,45 MPa	ISO 75/B	94	95	°C
Vicat softening point (10N)	ISO 306/A50	148	150	°C

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

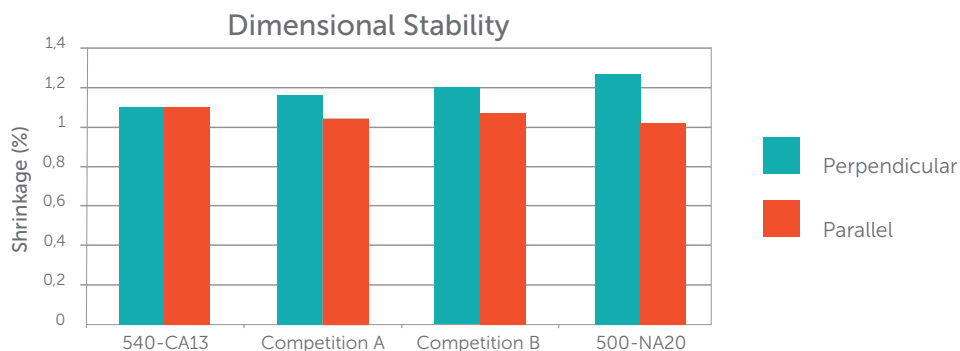
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To satisfy the ever increasing demands of the returnable transport packaging market, the grade has been especially designed to offer:

- Exceptional levels of impact performance especially at low service temperatures
- Excellent creep resistance coupled with good stiffness to give superior crate stacking stability
- Excellent dimensional stability and low warpage.
- Increased crystallization temperature for potential reductions in mould cooling times



What does 540-CA13 bring on moulded parts?

- High impact strength – particularly at very low temperatures
- Excellent surface finish and antistatic performance
- Stacking stability
- Very good dimensional stability
- Low blushing
- FDA approved

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