



# 300-CA06

## Product Technical Information

Polypropylene – Impact Copolymer

**300-CA06** is a medium melt flow rate, antistatic and nucleated high rigidity impact copolymer for injection moulding applications. It offers excellent impact resistance and superior flexural modulus.

### Benefits & Features

- Enhanced stiffness & Cycle time
- Superior impact/stiffness balance
- Antistatic
- Excellent processability

### Applications

- Toys
- Housewares
- Pails
- Appliances

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	6	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	1500	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	28	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	10	kJ/m <sup>2</sup>
Izod Impact Strength, notched	-20°C	ISO 180/A	5	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	23°C	ISO 179/1eA	10	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	-20°C	ISO 179/1eA	5	kJ/m <sup>2</sup>
<b>Thermal</b>				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	109	°C
Data should not be used for specification work				



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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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