



# 240-NA02

## Product Technical Information

Polypropylene Random Copolymer for blow moulding

240-NA02 is a random copolymer for blow moulding with good transparency and contact clarity, very good gloss and surface finish and high heat distortion temperature.

## Applications

240-NA02 is recommended for:

- Household
- Industrial chemicals
- Cosmetics

The product is also suited for injection stretch blow moulding.

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	1.5	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	850	MPa
Tensile Modulus	23°C	ISO 527-2	900	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	24	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	25	kJ/m <sup>2</sup>
Izod Impact Strength, notched	0°C	ISO 180/A	5	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	20	kJ/m <sup>2</sup>
<b>Optical</b>				
Haze	1mm Thickness	ASTM D 1003	12	%
Haze	2mm Thickness	ASTM D 1003	20	%
<b>Thermal</b>				
Melting Point	DSC	INEOS Test Method	145	°C
Crystallisation Temperature	DSC	INEOS Test Method	115	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	70	°C
Vicat Softening Temperature	10N	ISO306/A50	120	°C

**Data should not be used for specification work**

\* Values determined on injection moulded specimens acc. to ISO 1873-2, based on 7 days conditioning time

## 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.