



# 240-CA12

## Product Technical Information

Polypropylene Random Copolymer for Injection moulding

**240-CA12** is a specially modified highly transparent polypropylene random copolymer with medium melt flow intended for injection moulding. 240-CA12 has high gloss and good impact. 240-CA12 is specially formulated for high speed injection moulding and contains nucleating and mould release additives allowing high de-moulding temperature as well as reduced cooling time. .

Products moulded from 240-CA12 have excellent transparency, very good organoleptical properties, good balance of stiffness and impact strength in ambient temperature, and good de-moulding and antistatic properties.

## Applications

240-CA12 is designed for injection moulded houseware, closures and food packaging needing good impact strength and excellent organoleptic properties.

Examples of products successfully injection moulded from 240-CA12 are:

- Houseware containers
- Appliances requiring good transparency
- Sweet boxes
- Lids and pails
- Closures

Properties	Test Method	Value	Units
<b>Physical*</b>			
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	13	g/10 min
Tensile Stress @ yield (50mm/min)	ISO 527-2	27	MPa
Tensile Strain @ yield (50mm/min)	ISO 527-2	13	%
Tensile Modulus (1 mm/min)	ISO 527-2	850	MPa
Charpy Impact Strength, notched @+23°C	ISO 179/1eA	8.0	kJ/m <sup>2</sup>
Heat Deflection Temperature (0.45N/mm <sup>2</sup> )	ISO 75-2	70	°C

- Data should not be used for specification work

\* Values determined on injection moulded specimens acc. to ISO 1873-2 (97), based on 7 days conditioning time