Braskem

**Datasheet**
Review 3 (Dec / 17)

# Polypropylene CG210NA

## Description:

Heterophasic Copolymer

CG210NA is a copolymer designed to technical pieces with high stiffness, good impact strength at low temperatures and excellent superficial aesthetic.

## Applications:

Home appliances, Thin wall parts, Compounds, High stiffness articles

## Processes:

Injection molding

## Control Properties

| Feature | Method | Units | Values |
|---|---|---|---|
| Melt Flow Rate (230°C/2.16 kg) | D 1238 | g/10 min | 22 |

## Typical Properties

| Feature | Method | Units | Values |
|---|---|---|---|
| Density | D 792 | g/cm³ | 0.900 |
| Flexural Modulus - 1% Secant | D 790 | MPa | 1500 |
| Tensile Strength at Yield | D 638 | MPa | 30 |
| Tensile Elongation at Yield | D 638 | % | 6 |
| Rockwell Hardness (R Scale) | D 785 | - | 95 |
| Notched Izod Impact Strength at 23°C | D 256 | J/m | 60 |
| Notched Izod Impact Strength at -20°C | D 256 | J/m | 35 |
| Shrinkage (MD) | D 955 | % | 1.9 |
| Shrinkage (TD) | D 955 | % | 1.6 |

a) Injection molded specimen according to ASTM D 4101. NB = No Break.

## Final observations

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.