

# Braskem PP C144-04NA

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

- Sub-group
- Impact Copolymer
- Description
- Excellent Balance of Stiffness and Impact Strength, Contains Nucleating and Antistatic Additives
- Applications
- Suggested Uses Include Extrusion Thermoforming Processes

| General Information                       |  |          |             |
|---|--|----------|-------------|
| Additive                                  | Antistatic<br>Nucleating Agent   |          |             |
| Features                                  | Antistatic<br>Food Contact Acceptable<br>Good Impact Resistance<br>Good Stiffness<br>Impact Copolymer<br>Nucleated |          |             |
| Agency Ratings                            | FDA 21 CFR 177.1520  |          |             |
| Forms                                     | Pellets  |          |             |
| Processing Method                         | Extrusion<br>Thermoforming   |          |             |
| Physical                                  | Nominal Value  | Unit     | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 4.0  | g/10 min | ASTM D1238  |
| Mechanical                                | Nominal Value  | Unit     | Test Method |
| Tensile Strength <sup>1</sup> (Yield)     | 33.1   | MPa      | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Yield)   | 6.0  | %        | ASTM D638   |
| Flexural Modulus - 1% Secant <sup>3</sup> | 1590   | MPa      | ASTM D790A  |
| Impact                                    | Nominal Value  | Unit     | Test Method |
| Notched Izod Impact (23°C)                | 110  | J/m      | ASTM D256A  |
| NOTE                                      |  |          |             |
| 1.  | 51 mm/min  |          |             |
| 2.  | 51 mm/min  |          |             |
| 3.  | 1.3 mm/min   |          |             |

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### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

