

Braskem PP TI4020N

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group

Impact Copolymer

Description

Extra high Izod impact, excellent low temperature drop impact, good organoleptic properties, nucleated

Applications

Suggested uses include thermoforming, food packaging, dairy containers

| General Information | | | |
|---|-----------------------------------|----------|-------------|
| Additive | Nucleating Agent | | |
| Features | Food Contact Acceptable | | |
| | Good Organoleptic Properties | | |
| | High Impact Resistance | | |
| | Impact Copolymer | | |
| | Low Temperature Impact Resistance | | |
| Uses | Nucleated | | |
| | Food Containers | | |
| | Food Packaging | | |
| | Thermoformed Containers | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Forms | Pellets | | |
| Processing Method | Thermoforming | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 2.0 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 82 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield) | 27.6 | MPa | ASTM D638 |
| Tensile Elongation ² (Yield) | 8.5 | % | ASTM D638 |
| Flexural Modulus - 1% Secant ³ | 1240 | MPa | ASTM D790A |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | No Break | | ASTM D256A |
| Instrumented Dart Impact (-29°C) | 50.2 | J | ASTM D3763 |
| NOTE | | | |
| 1. | 51 mm/min | | |
| 2. | 51 mm/min | | |

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