

Braskem PP F180A

Polypropylene Homopolymer

Braskem America Inc.

Message:

b-group:
Homopolymer Polypropylene
Description:
Multi purpose.
Applications:
Suggested uses include patio furniture, closures.
Process:
Fiber Extrusion.
Injection Molding

| General Information | | | |
|--|----------------------------|----------|-------------|
| Features | Food Contact Acceptable | | |
| | General Purpose | | |
| | Homopolymer | | |
| Uses | Closures | | |
| | Furniture | | |
| | Lawn and Garden Equipment | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Forms | Pellets | | |
| Processing Method | Fiber (Spinning) Extrusion | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 17 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale, Injection Molded) | 104 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield, Injection Molded) | 35.2 | MPa | ASTM D638 |
| Tensile Elongation ² (Yield, Injection Molded) | 9.0 | % | ASTM D638 |
| Flexural Modulus - 1% Secant ³ (Injection Molded) | 1520 | MPa | ASTM D790A |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, Injection Molded) | 37 | J/m | ASTM D256A |
| NOTE | | | |

| | |
|----|------------|
| 1. | 51 mm/min |
| 2. | 51 mm/min |
| 3. | 1.3 mm/min |

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