



Premier PI820

Impact Copolymer Polypropylene

MELT FLOW: 82.0

DENSITY: 0.895

Premier PI820 is an impact copolymer polypropylene designed for frozen dessert packaging and compounds and blends. This resin has *FDA compliance.

| <u>Resin Property</u> | <u>Typical Value</u> | <u>Units</u> | <u>Test Method</u> |
|--|----------------------|-------------------|--------------------|
| Melt Flow | 82.0 | g/10 min | ASTM D-1238 |
| Density | 0.895 | g/cm ³ | ASTM D-792A |
| Tensile Strength at Yield | 2,900 | psi | ASTM D-638 |
| Elongation at Yield | 5 | % | ASTM D-638 |
| Flexural Modulus (Secant, Inj. Molded) | 138,000 | psi | ASTM D-790A |
| Heat Deflection Temp. (0.455 MPa) | 105 | Deg. C | ASTM D-648 |
| Hardness, Rockwell | 55 | R Scale | ASTM D-785 |
| Notched Izod Impact (23C) | 2.6 | Ft-lb/in | ASTM D-256A |

Premier Polymers cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties but they should not be used to establish specification limits or used alone as the basis of design.

*21 CFR 177.1520 (C)

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