



## TECHNICAL DATA SHEET

# HPP15-100FNAS White

### Product Description

PureFive Ultra™ HPP15-100FNAS White is a polypropylene homopolymer certified to contain a minimum of 95% post-consumer recycled content.

PureCycle uses a patented physical recycling process which includes selective polymer dissolution to produce high-quality recycled polypropylene. This grade has been formulated with a nucleator and antistatic additive.

### Typical Properties

|                                 | Nominal | Units             | ASTM Method |
|---------------------------------|---------|-------------------|-------------|
| <b>Physical</b>                 |         |                   |             |
| Melt Flow Rate (230 °C/2.16 kg) | 15      | g/10 min          | D1238       |
| Density                         | 0.90    | g/cm <sup>3</sup> | D792        |
| <b>Mechanical</b>               |         |                   |             |
| Tensile Yield at Stress         | 4,800   | psi               | D638        |
| Flexural Modulus, 1% secant     | 210,000 | psi               | D790 A      |
| Notched Izod Impact (23 °C)     | 0.8     | ft-lbs/in         | D256        |

### Regulatory

This material complies with the requirements of FDA 21 CFR §177.1520 for use in food contact applications with all food types under FDA Conditions of Use A through H, as defined in 21 CFR 176.170(c).

In addition, this substance is registered with the European Chemicals Agency (ECHA) under the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC) No 1907/2006, Article 20(2).