



PROVISIONAL TECHNICAL DATA SHEET

HPP04-50FN White

Product Description

PureFive Choice™ HPP04-50FN White is a polypropylene homopolymer certified to contain a minimum of 52% 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
Physical			
Melt Flow Rate (230 °C/2.16 kg)	4.0	g/10 min	D1238
Density	0.90	g/cm ³	D792
Mechanical			
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 B through H, as defined in 21 CFR 176.170(c).

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).

PureCycle Technologies, Inc
20 North Orange Drive, Orlando, Florida
compliance@purecycle.com
purecycle.com

The provisional data above is provided in good faith and is correct to the best of our current knowledge based on limited lab testing of developmental samples under controlled conditions to provide general information and not to be construed as specification limits. PureCycle assumes no obligation, express or implied, or liability for use of or reliance on the information and data presented and disclaims all product warranties expressed or implied, including warranties of fitness for particular purpose or of merchantability. PureCycle assumes no obligation or liability for the information in this document. Each customer must inspect and test our products to determine suitability for a particular purpose. In no case shall descriptions, information, or data provided be considered part of terms and conditions of sale. 2025 PureCycle Technologies, Inc. All rights reserved. Rev (08) 251022