PURECYCLE™

TECHNICAL DATA SHEET

HPP15-100FN

Product Description

PureFive Ultra™ HPP15-100FN is a nucleated polypropylene homopolymer containing 100% post-consumer content (exclusive of additives).

PureCycle uses a patented physical recycling process which includes selective polymer dissolution to produce high-quality recycled polypropylene.

Typical Properties

	Nominal	Units	ASTM Method
Physical			
Melt Flow Rate (230 °C/2.16 kg)	15	g/10 min	D1238
Density	0.90	g/cm^3	D792
Mechanical			
Tensile Stress at Yield	4,800	psi	D638
Flexural Modulus, 1% secant	240,000	psi	D790 A
Notched Izod Impact (23 °C)	0.8	ft·lbf/in	D256

Nominal values are typical properties and are not to be construed as specification limits.

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).

This material is registered with the European Chemicals Agency (ECHA) under the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (EC) No 1907/2006, Article 20(2).

This product was made using PureCycle HPP15-100, GreenCircle Certified® post-consumer polypropylene.

PureCycle Technologies, Inc.
20 N. Orange Avenue, Suite 106, Orlando, FL 32801, USA compliance@purecycle.com purecycle.com

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