



PROVISIONAL TECHNICAL DATA SHEET

HPP45-100FN Black

Product Description

PureFive Choice™ HPP45-100FN Black 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
Physical			
Melt Flow Rate (230 °C/2.16 kg)	45	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).

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