

## PROVISIONAL TECHNICAL DATA SHEET

### Product Description

HPP15S is a 100% PCR homopolymer polypropylene available in pellet form. This resin can supplement or replace equivalent PP with a more sustainable solution.

Made from FDA sourced feedstock, pending FDA LNO. 100% PCR PP.

PureCycle's purification process is designed to remove odor, color and other impurities resulting in a material that can be reused multiple times to advance the circular economy.

### Typical Characteristics<sup>1</sup>

	Value	Units	Test Method
<b>Physical Property</b>			
Melt Flow Rate, MFR	15±5	(g/10 min)	ASTM D1238, 230 °C, 2.16 kg
Density	0.9	(g / cm <sup>3</sup> )	ASTM D792
<b>Mechanical Properties<sup>1</sup></b>			
Tensile Yield Stress	33	(MPa)	ISO 527-2/50
	4786	(Psi)	
Flexural Modulus, 1% secant	1.6	(GPa)	ISO 178
	232	(Ksi)	
Notched Izod Impact at 23 °C	0.53	(ft.-lbs./in)	ASTM D256
	25	(J/m)	

1. Values provided represent an average range (±20%) and are anticipated for the commercial grade.

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