

<b>Properties for ReZen HD2511 P</b>	
Product Name:	ReZen HD 2511 P
Status:	Production
Date:	4/19/2022

**Description:** HD 2511P is designed for general purpose blow molding applications and extrusion thermoforming applications.

**Application:** Industrial, agricultural, outdoor

**Features:** 100% PCR and PIR content, excellent impact strength

	<b>SI</b>	<b>English</b>	<b>Test Method</b>
<b>Density</b>	0.953 g/cm <sup>3</sup>	0.953 g/cm <sup>3</sup>	ASTM D792
<b>Melt Flow</b>	.25 g/10min	.25 g/10min	ASTM D 1238

	<b>SI</b>	<b>English</b>	<b>Test Method</b>
<b>Tensile Strength @Yield</b>	27 Mpa <sup>1</sup>	3,900 psi <sup>2</sup>	ASTM D638
<b>Elongation @Break</b>	600% <sup>1</sup>	600% <sup>2</sup>	ASTM D638
<b>Flexural Modulus</b>	690 Mpa <sup>3</sup>	100,000 psi <sup>4</sup>	ASTM D790
<b>Shore Hardness</b>	6oA	6oA	

<b>Molding Parameters</b>	<b>SI</b>	<b>English</b>	

<sup>1</sup> \_ \_ \_ \_ . 50 mm/min

<sup>2</sup> \_ \_ \_ \_ . 2 in/min

<sup>3</sup> \_ \_ \_ \_ . 1.3 mm/min

<sup>4</sup> \_ \_ \_ \_ . 0.05 in/min

*Our polyethylene re-processed products may contain from 0% to 2.5% EVOH*

The data listed here is a preliminary data sheet of product. Therefore, this sheet should not be used to establish specification limits or used alone as a basis for design. This information is not intended as a warranty of any kind. Customers must make their own representative test and assume all risks of use, whether used alone or in combination with other products. Your Source, Inc (DBA SUSTAINABLE POLYMER SOLUTIONS). assumes no obligation or liability of any advice furnished by it or results obtained with respect to these products. All warranties of merchantability for a particular purpose or use are excluded and disclaimed.