

Properties for ReZen HD3511 P	
Product Name:	ReZen HD 3511 P
Status:	Production
Date:	2/10/2021

Description: HD 3511 P 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

	SI	English	Test Method
Density	0.953 g/cm ³	0.953 g/cm ³	ASTM D792
Melt Flow	.35 g/10min	.35 g/10min	ASTM D 1238

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

Molding Parameters	SI	English	

¹ _ _ _ _ . 50 mm/min

² _ _ _ _ . 2 in/min

³ _ _ _ _ . 1.3 mm/min

⁴ _ _ _ _ . 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.