

Properties for ReZen PE HMW HD5012-P

Product Name: ReZen PE HMW HD5012-P
Status: Production
Date: 3/11/2021

Description: PE HMW HD5012-P is designed for large part blow molding and extrusion

Application: 55-gallon containers / gasoline tanks / pallets / large, formed parts

Features: 100% PCR and/or PIR content, good melt strength, good stiffness, excellent impact at low temperatures

	SI	English	Test Method
Density	0.953 g/cm ³	0.953 g/cm ³	ASTM D1505
Melt Flow	12 g/10min	12 g/10min	ASTM D 1238

	SI	English	Test Method
Tensile Strength @Yield	33 Mpa ¹	4,900 psi ²	ASTM D638
Elongation @Break	>600% ¹	>600% ²	ASTM D638
Flexural Modulus	792 Mpa ³	115,000 psi ⁴	ASTM D790

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 SOLTIONS). 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.