

# SABIC® HDPE T5E01BW

HIGH DENSITY POLYETHYLENE FROM TRUCIRCLE™ PORTFOLIO  
REGION EUROPE

## DESCRIPTION

SABIC® HDPE T5E01BW White is a polyethylene resin, which is formulated with 50% post-consumer recycled plastics.

The grade is part of SABIC's TRUCIRCLE™ portfolio and services.

It can be used for blow molding of consumer packaging up to 5 l for household and industrial chemicals, such as detergents, cleaners, shampoos and cosmetics.

This product is not intended for and must not be used in any pharmaceutical/medical applications.

## TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
at 190 °C and 2.16 kg	0.2	dg/min	ISO 1133
at 190 °C and 5 kg	0.8	dg/min	ISO 1133
at 190 °C and 21.6 kg	24	dg/min	ISO 1133
<b>Density</b> <sup>(1)</sup>	968	kg/m <sup>3</sup>	ISO 1183
<b>MECHANICAL PROPERTIES</b> <sup>(1) (2)</sup>			
<b>Izod impact notched</b>			
at 23 °C	10	kJ/m <sup>2</sup>	ISO 180/A
<b>ESCR (10% Igepal CO-630), F50</b>	50	h	ASTM D1693B

(1) Compression moulding of test specimen according to ISO 1872-2

(2) Conditioning of test specimen: temp. 23 °C, relative humidity 50 %, 24 hours