

Systalen 70002 wt 002

HDPE PRIMUS

Product information

General Data

Form:	pellets
Colour:	white
Filtration:	100 µm
Source:	post-consumer packaging (content 100 %)
Special features:	low odour
Status:	commercial

Physical Properties

	Data	Unit	Test standard
Ash content (625 °C):	≤ 2,0	%	EN ISO 3451-1
MFR (190 °C/5 kg):	1,3	g/10 min	EN ISO 1133
Density:	0,97	g/cm ³	EN ISO 1133

Mechanical Properties

	Data	Unit	Test standard
Tensile strength:	24	MPa	EN ISO 527-1/2
Tensile modulus:	900	MPa	EN ISO 527-1/2
Charpy unnotched impact strength: -20 °C	NB	-	EN ISO 179/1eU
Charpy notched impact strength: 23 °C	50	kJ/m ²	EN ISO 179/1eA
-20 °C	8	kJ/m ²	

Application

Extrusion, blow moulding

The material is certified according to EuCertPlast and quality assured according to RAL-GZ 720.

The data in this product information are typical properties conforming to our current state of technical know-how and experience and are not to be construed as specification limits. Because of the variety of possible influences during processing and use of our products, they do not exempt the user from his duty to conduct own checks and tests regarding the suitability of the products. The legally binding confirmation of certain properties or of the qualification for a certain purpose cannot be derived. The item is suitable for non-food-products, with the exception for children's toys, medicinal products and cosmetics as defined by the Foods, Consumer Goods and Feedstuffs Code (LFGB). Possible trademark rights as well as existing laws and regulations are to be followed by the user at his own responsibility. We reserve the right to perform modifications.

Systalen – a product of Systec Plastics GmbH



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