Systalen PP-C44000 gr000

Product information

General Data		
Form:	pellets	
Colour:	grey	
Filtration:	250 µm	
Source:	post-consumer packaging (content 100 %)	
Status:	commercial	

Physical Properties	Data	Unit	Test standard
Ash content (625 °C):	≤ 3	%	EN ISO 3451-1
MFR (230 °C/2,16 kg):	12	g/10 min	EN ISO 1133
Density:	0,92	g/cm³	EN ISO 1183-1

Mechanical Properties	Data	Unit	Test standard
Tensile strength:	25	MPa	EN ISO 527-1/2
Tensile modulus:	1200	MPa	EN ISO 527-1/2
Charpy unnotched impact strength:			EN ISO 179/1eU
-20 °C	25	kJ/m²	
Charpy notched impact strength:			EN ISO 179/1eA
23 °C	5,5	kJ/m²	
-20 °C	2,2	kJ/m²	

Application	
Injection 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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