

# POLISTYRENE Eldo-H01B



## Product information

<b>General Information</b>	Form:	Pellets / Granulls
Colour:	Grey / Black / Customer customized	
Filtration:	350 µm	
Source:	post-consumer packaging (content > 99 %)	
Special features:	Good flowability	
Status:	Commercial	

Physical Properties	Data	Unit	Test standard
Ash content (625 °C):	1,5	%	EN ISO 3451-1
MFR (230 °C/2,16 kg):	8-10	g/10 min	EN ISO 1133
Vicat (5kg):	85-89	°C	
Density:	1,05	g/cm <sup>3</sup>	EN ISO 1183-1

Mechanical Properties	Data	Unit	Test standard
Tensile strength:	-	MPa	EN ISO 527-1/2
Tensile modulus:	1830-2830 (typical)	MPa	EN ISO 527-1/2
Charpy unnotched impact strength: -20 °C	5-7	kJ/m <sup>2</sup>	EN ISO 179/1eU
Impact index Charpy 23°C:	8-11	kJ/m <sup>2</sup>	

## Sustainable Recycling

### HIPS – High Impact Polystyrene 100% PCR (Post Consumer Recycled)

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.