



Technical data Sheet

PS R I 005 Post consumer

Ref: 00000-23

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Product description:

This product is a high quality recycled raw material supplied in the form of pellets.

The product contains at least 95% of post-consumer material from pre-sorted plastic waste and suitable to be used in various application either at 100% or in a blend.

This product is not intended for highly regulated applications including food contact, medical and pharmaceutical applications.

Material Id:	General
Qty (Kg):	-
Colour:	Black or Grey
Material:	Polystyrene
Application:	Injection moulding

Physical Properties	Test condition	Value	Unit	Test Method	Remark
Mechanical properties					
E - mod	(1 mm/min: +23 °C)	1600	Mpa	ISO 527-1-2 *	
Tensile stress at yield	(50 mm/min: +23 °C)	20	Mpa	ISO 527-1-2 *	
Tensile stress at break	(50 mm/min: +23 °C)	20	Mpa	ISO 527-1-2 *	
Elongation at break	(50 mm/min: +23 °C)	15	%	ISO 527-1-2 *	
Charpy impact strength, notch	(+23 °C)	6	Kj/m ²	ISO 179 /1eA *	
Rheological properties					
Melt Flow Rate	(200 °C: 5 kg)	5	g/10 min	ISO 1133 *	

* Test results are based on the relevant standard as a guideline.

The values may fluctuate

Quality:

Aage Vestergaard Larsen A/S is certified in accordance with ISO 9001:2015, ISO 14001:2015 and ISO 50001:2018.



Health and safety:

The product is not classified as dangerous.

The safety data sheet can be found on our website or contact sales at Aage Vestergaard Larsen A/S.

Storage:

Do not store outside, in high temperatures, or in high humidity. Avoid large fluctuations in ambient temperature to prevent formation of condensation. Keep the material dry for good processing conditions.

Disclaimer:

Any sale by Aage Vestergaard Larsen A/S is made under general terms and conditions of sale and delivery.

All though all the statements and information in this document are believed to be accurate and reliable, Aage Vestergaard Larsen A/S assumes no legal responsibility for the precision of the test results, nor makes no warranties which extend beyond the description contained herein.

It is the customer's responsibility to inspect and perform appropriate tests and analysis of the material, to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe, legal use, and processing as well as handling of our products.