

InfiniteFilm

PO-Granulate

Product specification:

A post-consumer recycled Polyolefin for general use.
Application: extrusion, injection moulding.

	Typical property	Specification range	Unit	Standard
Product information	Product	PO Granulate		
	Colour	Grey / Black		
	Filtration	400 / 800	micron	
Physical properties	Density	0,95	g/ml	ISO 1183-1A
	Bulk Density	0,48	g/l	ISO 60
Rheological properties	Melt Flow MFR (190 °C/2,16 kg.)	2 – 4	g/10 min.	ISO 1133
	Melt Flow MFR (190 °C/21,6 kg.)	160 - 240	g/10 min.	ISO 1133
Thermal analysis	DSC	PP: 20 - 40	%	ISO13357
Mechanical analysis	Charpy (notched) impact strength	6-8	kJ/m ²	ISO 179-1 +23°C/1eA
Tensile properties	Tensile Modulus	700 - 900	MPA	ISO 527-2 type 1A (+23 °C, 1 mm/min)
	Tensile Strength	17-20	MPA	ISO 527-2 type 1A (+23 °C, 50 mm/min)
	Tensile Strain	30-130	%	ISO 527-2 type 1A (+23 °C, 50 mm/min)
Additional	Ash content	2-4 %	%	
Packaging	Big Bag on one way pallet. Size 104x104x210 cm.			

Note:

- The information in this product information is based on our current technical knowledge and experiences. These are typical properties that should not be regarded as specification limits.
- It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the product for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.
- Please note this polymer is not approved for use in food, medical or toy applications.