

# HDPE Granulate

Product specification:

A post-consumer recycled High Density Polyethylene for general use.

Application: extrusion, injection moulding.

	Typical property	Specification range	Unit	Standard
<b>Product information</b>	Product	HDPE granulate		
	Colour	Grey / Black		
<b>Physical properties</b>	Density	0,95	g/ml	ISO 1183-1A
	Bulk Density	570	g/l	ISO 60
<b>Rheological properties</b>	Melt Flow MFR (190 °C/2,16 Kg.)	0,5	g/10 min.	ISO 1133
	Melt Flow MFR (190 °C/5,0.)	2,5-3,0	g/10 min.	ISO 1183
<b>Thermal analysis</b>	DSC	PP <2,0	%	ISO 13357
<b>Mechanical analysis</b>	Charpy (notched) impact strength	15-20	kJ/m2	ISO 179 +23°C/1eA
<b>Tensile properties</b>	Tensile Modulus	> 900	MPA	ISO 527-2 type 1A (+23 °C, 1 mm/min)
	Tensile Strength	20-25	MPA	ISO 527-2 type 1A (+23 °C, 50 mm/min)
	Tensile Strain	150-250	%	ISO 527-2 type 1A (+23 °C, 50 mm/min)
<b>Additional information</b>	Ash content	< 1%	%	
<b>Packaging</b>	Big Bag on one way pallet. Size 104x104x210 cm			
<b>Packaging</b>	Big Bag on one way pallet.			

## Note:

- 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.
- REACH compliant



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