

HDPE Regrind

Product specification:
A post-consumer recycled High Density Polyethylene for general use.
Application: extrusion, injection moulding.

	Typical property	Specification range	Unit	Standard
Product information	Product	HDPE regrind		
	Colour	Jazz		
Physical properties	Density	0,95	g/ml	ISO 1183-1A
	Bulk Density	320	g/l	ISO 60
Rheological properties	Melt Flow MFR (190 °C/2,16 Kg.)	0,5	g/10 min.	ISO 1133
	Melt Flow MFR (190 °C/5,0 Kg.)	2,5-3,0	g/10 min.	ISO 1183
Thermal analysis	DSC	PP <2,0	%	ISO13357
Mechanical analysis	Charpy (notched) impact strength	15-20	kJ/m ²	ISO 179-1 +23 °C/1eA
Tensile properties	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)
Additional information	Ash content	< 1 %	%	
Packaging	Big Bag on one way pallet. Size 104x104x210 cm.			

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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