

# MATERIAL SHEET

REGRANULATE  
HDPE MFI 0.2-0.9



## Recommendations for processing

Extrusion	Blow Molding	Injection
YES	NO	NO

These recommendations for processing are general only. For Plastic a.s. is not aware of all the details from the customer, such as the technology, products, or the end use of the product. Therefore, the customer is obliged to carry out its own testing and quality testing of regranulates for each product. The customer should make the decision to use the regranulates after taking all necessary tests.

## Stated parameters

UNIT	SPECIFICATION	TEST METHOD	TYPICAL RANGE
Melt flow index (190°C; 2.16 kg)	g/10 min	ISO 1133	0.2-0.9
Specific gravity	g/cm <sup>3</sup>	ISO 1183	0.92-0.94
Bulk density	kg/m <sup>3</sup>		565
Charpy	kJ/m <sup>2</sup>	ISO 179	15-17.5
Tensile strenght	MPa	ISO 527	around 22.93
Elongation	%	ISO 527	around 250.65
Break	MPa	ISO 527	around 15.65
Elongation at break	%	ISO 527	around 507.6
E <sub>t</sub> tensile modulus	MPa	ISO 527	776.5-830

The data in the table above represents the typical ranges of values for each parameter. This data is indicative only and is intended to help manufacturers to select the suitable application. Manufacturers should not assume that original polymers can be completely replaced by recycled materials. Any deviation from these values alone cannot be claimed as a reason for a complaint or a request for price reduction.