

# MATERIAL SHEET

## REGRANULATE PP MFI 10-20

### Recommendations for processing

Extrusion	Blow Molding	Injection
NO	NO	YES

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	10-20
Specific gravity	g/cm <sup>3</sup>	ISO 1183	0.92-0.94
Bulk density	kg/m <sup>3</sup>		
Charpy	kJ/m <sup>2</sup>	ISO 179	6.35
Tensile strenght	MPa	ISO 527	around 26.42
Elongation	%	ISO 527	around 8.46
Break	MPa	ISO 527	around 1.38
Elongation at break	%	ISO 527	around 110
E <sub>t</sub> tensile modulus	MPa	ISO 527	870-990

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.