

### PE- Regranulate

- modifiable at customer's request
- homogenized 24 ton- truckloads

### TECHNICAL DATA

Shape:	cylindrical
Colouring:	according to customer's request
Pore Size of Filter:	180 µm

Characteristics	Test Norm	Testing Conditions	Unit	Value
<b>MATERIAL PROPERTY VALUES</b>				
Density	DIN EN ISO 1183		g/cm <sup>3</sup>	<b>0,950</b>
Moisture Content	Moisture Analyser (infrared)	105 °C	%	<b>&lt; 0,1</b>
Ignition Residue	DIN 53505	650 °C	%	<b>≤ 1</b>
<b>RHEOMETRICAL PROPERTIES</b>				
		190 °C/5 kg	g/10min	<b>≤ 3</b>
Melt Flow Index MFI	DIN EN ISO 1133	190 °C/2,16 kg	g/10min	<b>≤ 0,6</b>
		230 °C/2,16 kg	g/10min	<b>≤ 1,5</b>
<b>MECHANICAL PROPERTIES</b>				
Tensile Modulus	DIN EN ISO 527	1 mm/min	MPa	<b>≥ 850</b>
Yield Stress	DIN EN ISO 527	50 mm/min	MPa	<b>≥ 23</b>
Tensile Strain	DIN EN ISO 527	50 mm/min	%	<b>≥ 75</b>
Charpy Impact Strength, edgewise	DIN EN ISO 179	23 °C ;1eA	kJ/m <sup>2</sup>	<b>≥ 30</b>
Charpy Impact Strength, edgewise	DIN EN ISO 179	-23 °C ;1eA	kJ/m <sup>2</sup>	<b>≥ 6</b>
Shore-Hardness	DIN 53505	Shore D		<b>57 ± 1</b>



#### mtm plastics GmbH

Bahnhofstraße 106  
 D - 99759 Niedergebra  
 Tel. +49 (0) 36338 / 325-0  
 Fax +49 (0) 36338 / 325-25  
 info@mtm-plastics.eu  
 www.mtm-plastics.eu

Recycled plastics are subject to material inconsistencies. mtm makes no warranties which extend beyond the description contained herein and to the best of our knowledge, the information is accurate and reliable as of the date of publication. Because of the multitude of possible influences during the use and application of our products, the information included does not release customers and users from the obligation to examine and test them carefully. Please note that nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose as mtm do not know the origin of the product. Where necessary, the customer is recommended to obtain a feedstock release from the customer. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of any mtm product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above. The product(s) mentioned herein are not intended to be used for food contact, drinking water contact, medical, pharmaceutical or healthcare applications and we do not support their use for such applications. Due to nature of recyclates, some variation in colour and other product properties can be observed between batches. Otherwise, our General Terms and Conditions of Sale apply.