

## Polypropylene – Granulate

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

## TECHNICAL DATA

Shape:	cylindrical
Colouring:	light grey, blue, green, light green, dark red, brown, anthracite or black
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>0,92</b>
Moisture Content	Moisture Analyser (infrared)	105 °C	%	<b>&lt; 0,1</b>
Ignition Residue	DIN EN ISO 1172	650 °C	%	<b>≤ 1</b>
<b>RHEOMETRICAL PROPERTIES</b>				
Melt Flow Index MFI	DIN EN ISO 1133	230 °C/2,16 kg	g/10min	<b>≥ 11</b>
<b>MECHANICAL PROPERTIES</b>				
Tensile Modulus	DIN EN ISO 527	1 mm/min	MPa	<b>≥ 1100</b>
Yield Stress	DIN EN ISO 527	50 mm/min	MPa	<b>≥ 25</b>
Tensile Strain	DIN EN ISO 527	50 mm/min	%	<b>≥ 180</b>
Charpy Impact Strength, edgewise	DIN EN ISO 179	23 °C	kJ/m <sup>2</sup>	<b>≥ 6</b>
Charpy Impact Strength, edgewise	DIN EN ISO 179	-23 °C	kJ/m <sup>2</sup>	<b>≥ 2,5</b>
Shore-Hardness	DIN 53505	Shore D		<b>60 ± 1</b>



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