

Data Sheet

Polypropylene – Granulate

Dipolen®PP



- 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
Material Property Values				
Density	DIN EN ISO 1183		g/cm ³	0,92
Moisture Content	Moisture Analyser (infrared)	105 °C	%	< 0,1
Ignition Residue	DIN EN ISO 1172	650 °C	%	≤ 1
Rheometrical Properties				
Melt Flow Index MFI	DIN EN ISO 1133	230 °C/2,16 kg	g/10min	≥ 11
Mechanical Properties				
Tensile Modulus	DIN EN ISO 527	1 mm/min	MPa	≥ 1100
Yield Stress	DIN EN ISO 527	50 mm/min	MPa	≥ 25
Tensile Strain	DIN EN ISO 527	50 mm/min	%	≥ 180
Charpy Impact Strength, edgewise	DIN EN ISO 179	23 °C	kJ/m ²	≥ 6
Charpy Impact Strength, edgewise	DIN EN ISO 179	-23 °C	kJ/m ²	≥ 2,5
Shore-Hardness	DIN 53505	Shore D		60 ± 1

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Date of printing: October 2016

