

# Product datasheet

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## WPT 1181 N

WPT 1181 N is a highly concentrated masterbatch, based on a qualitative high value combination of mineral additive and polymer.

### PROPERTIES

Mineral content		80 %
Polymer	LLDPE	20 %
Humidity	ISO 1160	< 500 ppm
Density	ISO 1183	1,9 g/cm <sup>3</sup>

### MINERAL ADDITIVE

Mineral type	Calciumcarbonate	chalk
Top cut (d <sub>98</sub> )		≤ 8,0 μm
Medium particle size (d <sub>50</sub> )		≤ 1,8 μm

### APPLICATIONS

	Dosage	Costs	CO <sub>2</sub> -Footprint	Process constance	Output	Printability	Weldability	Soft-Touch	Elongation	Dart-Drop	Elmendorf	Matting
PE blown films ≥ 5 μm	5-30 %	↓	↓	↑	↑	↑	0	↑	0	↑	↑	↑
PE cast films ≥ 7 g/m <sup>2</sup>	5-50 %	↓	↓	↑	↑	↑	0	↑	0	-	-	↑
PE blowmoulding	5-15 %	↓	↓	↑	↑	↑	0	↑	0	-	-	↑
PO injection moulding	5-20 %	↓	↓	↑	↑	↑	0	↑	0	-	-	↑

↓ ... decreasing, ↑ ... increasing, 0 ... remaining unchanged, - ... not relevant

### PACKAGINGS

bag, bigbag, octabin, silo-truck

### PROCESSING

Predrying is normally not necessary, storage in original packaging and no longer than 6 months recommended. **TIP:** instead of any predrying it is recommended to dose ca. 0,5 % **WPT 2065** on demand.

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