

P-19

P-19 is a high value, finely melt-filtered and grey-greenish-coloured PP copolymer regranulate out of post-industrial recycling.

PROPERTIES

Polymer	Post-industrial	PPC
Color		Dark colored
Melt filtration		110 µm
MFR (230/2,16)	ISO 1133	Ca. 6 g/10'
Density	ISO 1183	1,05 g/cm³
Impact resistance, notched, 23 °C	ISO 179/1eU	≥ 3,5 kJ/m²
Tensile modulus (1 mm/min)	ISO 527-2	≥ 1.300 MPa

APPLICATIONS

Dosage		Costs	CO ₂ footprint	Elongation	Dart drop	Elmendorf	Impact resistance	Tear resistance	Tensile strength	Recyclability	Output	printability
PP extrusion	≤ 100 %	↓	↓	0	-	-	↓	-	↑	0	0	0
PP injection moulding	≤ 100 %	↓	↓	0	-	-	↓	-	↑	0	0	0

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

PACKAGINGS

bigbag, octabin, silo-truck

PROCESSING

Direct dosage into plastics conversion process.
TIP at high humidity: instead of time-consuming pre-drying we recommend to dose ca. 0,5 -2,0 % of our dryer masterbatch **WK UP®sorb W 2165** directly on demand.

STORAGE

It is recommended to store this product under dry conditions, temperatures beyond 45 °C and protected from UV radiation. Otherwise degradation phenomenons can occure, leading to color changes and bringing negative effects on physical properties.