Technical data sheet

Material: **PPc Black MFI 25-35 PCR30**

Reccomended processing method: **Injection molding**

Minimal amount of Post Consumer waste in regranulate: **30%**

This a general recommendation of use for applications where no recycled material has been used yet: From the beginning we recommend to mix it with plastics that have been previously used and gradually add the amount up to 100%.

Declared parameters			
PARAMETER	**UNIT**	**TESTING METHOD**	**TYPICAL VALUES**
Melt flow index at 230°C and 2,16 kg	g / 10 min.	ISO 1133	25 - 35
Bulk density at 23°C	g/ cm^3	ISO 1183	0,95 -1,01
Tensile strength at 23°C	MPa	ISO 527	24 – 29
Elasticity modulus E at 23°C	MPa	ISO 527	800 – 1150
Elongation at tensile strength point at 23°C	%	ISO 527	11 – 95
Elongation at break at 23°C	%	ISO 527	100 – 500
Charpy notched impact strength	kJ /m^2	ISO 179 (notch V) +23°C	2,7 – 4,0
Charpy notched impact strength	kJ / m^2	ISO 179 (notch V) -20°C	1,9 – 2,8
Ash content at 600°C, 30 min.	%	ISO 3451	5 – 15

Data from the table above are representing typical range of values of each parameter. These data are only informative and should help to producers by choice of the right application. Producers can´t expect complete posibility of replacement of virgin plastics by recycled plastics with same productivity and/or scrap rate. Only the very deviation from the range of values therefore can not be used as a reason for claims and/or requirements of price reduction.

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