

Product:

rPET CL FG 82

Article Number:

01-01

Chemical Description:

Polyethylenterephthalate (PET)

CAS Number:

25038-59-9

Product Description:

Regranulate, crystalline, produced out of food bottles

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Process Description:

Flakes out of food bottles are pre-dried, extruded, degassed and filtered. After this step, the melt is treated in a polycondensation process. A target iV value is set and the melt is further degassed and decontaminated.

Attribute	Setpoint	Unit	Method
Viscosity	0,82 +/- 0,02	dl/g	Online
Viscosity	0,82 +/- 0,02	dl/g	ISO 1133
Filtration	50	µm	Online
Humidity	< 0,3	%	mPET03
Color L	> 65	-	CieLAB
Color a	-5 / +3	-	CieLAB
Color b	< 5	-	CieLAB
Density	800	kg/m ³	mPET02
Pellet weight	< 26	mg	mPET05
Pellet size	2-4	mm	EN 15348

Color values are dependent on Input and can be adjusted by Additives.

iV, Pellet Size and Filtration can be adjusted.

The used technology for recycling is EFSA confirmed, there result no restrictions regarding usability.

100% rPET can be used for food applications.



Exemplary Picture