

Product:

rPET MX 75

Article Number:

01-23

Chemical Description:

Polyethylenterephthalate (PET)

CAS Number:

25038-59-9

Product Description:

Regranulate, crystalline, produced out of non-food bottles

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Process Description:

Flakes out of non-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	0,75 +/- 0,02	dl/g	Online
Viscosity	0,75 +/- 0,02	dl/g	ISO 1133
Filtration	50/100	µm	Online
Humidity	< 0,3	%	mPET03
Color L	-	-	CieLAB
Color a	-	-	CieLAB
Color b	-	-	CieLAB
Azetaldehyde	-	ppm	ASTM F2013-10
Benzene	-	ppb	mPET11
Density	800-900	kg/m ³	mPET02
Pellet size	2-3	mm	EN 15348

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

iV, Pellet Size and Filtration can be adjusted.