

TDS

Technical Data Sheet

rPET InWaste, s.r.o.
IČ 03212025
Preslova 307/73,
602 00 Brno



Product code	PRCL
Product name	PET regranulate clear L
Valid from	22.11.2021
Validity check	25.7.2023
Revision	1.2

Material specification	
Chemical substance	Polyethylene terephthalate (PET)
Color	Clear
Form	Pellets

Physical / chemical properties of the material			
Parameter	Value	Unit	Methodology
Moisture content	<0,5	%	SOPR_09
PET dust content	<0,02	%	SOPR_08
Melting point	≈ 250	°C	SOPR_10
Crystallinity	>30	%	SOPR_10
Bulk density	800–900	kg/m ³	SOPR_06
Pellet size (weight of 100 pellets)	2,0 ± 0,2	g	SOPR_07
Intrinsic viscosity (IV)	>0,78	dl/g	SOPR_04
Color	L	>65	SOPR_02
	a	-6–0	
	b	-3–3	
Acetaldehyde	<1	ppm	SOPR_03
Benzene	<0,01	ppm	SOPR_03
Other contamination	not detectable		SOPR_11
Melt filtration	50	μm	SOPR_11

Comments
At least 95 % of the input raw material comes from used PET beverage bottles.
The above values are typical values measured in accordance with internal measurement procedures.