

G.00.86PET.NC.XX00 FDA



Regranulated polyethyleneterephthalate from ocean-bound waste (crystallized)

Overview

Origin of material: 100% ocean-bound material

Product, color: Crystal clear

Material form: Pellets, drops ~ 4mm

Applications: Injection molding, bottle grade, film, filament, yarn & fiber

Product category: G.00.65PET.NC.XX00

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	N/A	g/10 min	D 1238
Density (g/cm ³)	1.330	g/cm ³	D 792
Intrinsic viscosity (IV)	0.86 ± 0.02	dl/g	DIN EN ISO 1628/5
Ash Content	< 0.05	%	DIN EN ISO 3451-1
Bulk Moisture	< 0.1	%	DIN EN ISO 62 - D
Impact Strength	97	kJ/m ²	DIN ISO 179 / 1eU (Charpy / 7.5J)
Notched Impact Strength	4.4	kJ/m ²	DIN ISO 179 / 1eA (Charpy / 7.5J)
Tensile Modulus	2150	MPa	DIN EN ISO 527-1/2 (50mm/min)

Property	Value	Unit	ASTM
Flexural Modulus	2600	MPa	DIN EN ISO 178-3
Tensile Stress at Yield	54	MPa	DIN EN ISO 527-1/2 (50mm/min)
Tensile Strain at Yield	3.2	%	DIN EN ISO 527-1/2 (50mm/min)
Color Values CIE L*a*b Amorphous Chips	>70 0 ± 2	Amorphous Chips	L* b*

Producer: #tide

US FDA LNO (PNC 2411) Indonesia FDA (BPOM Regulation No 20 in 2019 about Food Packaging) FDA- Regulation 21 CFR § 177.1630 [section (f) & (g)] in the current valid version/s EU REACH Regulation (EC) No 1907/2006 Article 33 (1) for SVHCs (223) as per 25th SVHC in the Candidate List (2021.07), European Union (EU) EC10/2011 (including latest amendments of 2019). ROHS DIRECTIVE (2011/65/EU): Restriction of use of certain hazardous substances in Electrical and Electronic Equipment ROHS DIRECTIVE (2011/65/EU) and amendment commission delegated directive EU 2015/863 with effective from 22 July 2019: Phthalate Content CONEG Legislation in the USA as well as EN712015/863/EU (Heavy Metals) GRS certified Please note: The recommendations for the use of our products are based on tests believed to be reliable. However, we do not guarantee the results to be obtained by others under different conditions. Although such information is, to the best of our knowledge and internal measurements, accurate and reliable as of the date hereof, no guarantee is made as to the suitability, accuracy, reliability and completeness of such information. It is the user's responsibility to satisfy itself as to the suitability, accuracy, reliability, and completeness of such information for its particular use. These are only approximate values.