

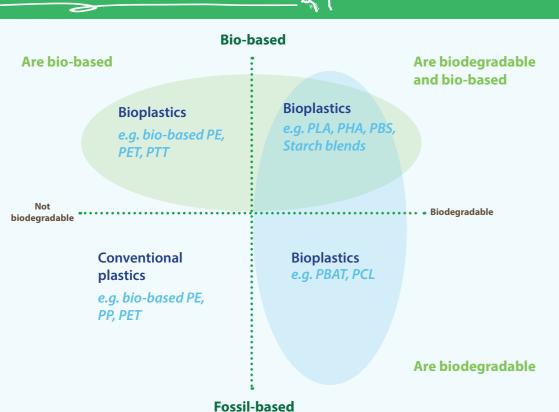
What is biodegradation?

What is compostability?

What is the difference between 'biodegradable' and 'compostable'?

What is the difference between oxo-fragmentable and biodegradable plastics?

OXO DEGRADABLE PLASTICS ARE NOT BIODEGRADABLE.











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Sunar NP is a subsidiary of SUNAR Group Companies



SUNAR NP Biopolymer Solutions

Sunar NP, established in 2014, is the youngest company within the Sunar Group of Companies. The company has a

strategic importance in achieving the sustainability goals of the group with its activities; contributing to the circular economy and making live next generations in prosperity and health.

Sunar NP offers its biodegradable and compostable, NON-GMO, TUV

certified products that is produced as a result of meticulous R&D practices to replace imported biodegradable polymers.

As being the very first TUV certified biodegradable and compostable polymer producer of Turkey, Sunar NP generates its product portfolio in the lights of customers' expectations and everchanging global trends. Thanks to its investments serving the ultimate goal of sustainable development and R&D practices, Sunar NP is the innovative power of Sunar Group Companies to achieve altogether community development goal.











SUNAR Sustainability Vision

To enable future generations live in prosperity in an habitable world, we live and encourage

our society live sustainably, by gaining needed strength from nature. While making this dream

come true, we ensure that we will reduce our footprint and increase our contribution

"Sunar Bright Future Program" was planned and formed in the light of this vision.

www.sunarnp.com



Compostable Biopolymer Compounds

Prod Coc		Product Form	Melt Temperature	Process Temperature	MFI (g/10 min)	Transparence	Ok Compost	Biodegredable	Ok Compost Industrial Certificate	Ok Compost Home Certificate
CP 1	Ready-to-use biocompound for film applications	Granule	110°C-125°C	120°C-170°C	2 - 5	Opaque	√	✓	✓	√
CP 16	Biocompound for applications requiring higher mechanical strength	Granule	110°C-125°C	120°C-170°C	2 - 5	Opaque	✓	V	*	*
CP PI	Whiter and brighter, thin micron, biocompound for applications requiring high mechanical strength	Granule	110°C-125°C	120°C-170°C	2 - 5	Opaque	✓	V	*	*

Compostable biopolymer compounds; Developed ready to use, it is formulated for film production with blown film extrusion technology.

Compostable Thermoplastic Starches

Product Code	Product Description	Product Form	Melt Temperature	Process Temperature	MFI (g/10 min)	Transparence	Ok Compost	Biodegredable	Ok Compost Industrial Certificate	Ok Compost Home Certificate
TP 101	Thermoplastic starch (TPS)	Granule	110°C-125°C	120°C-170°C	2 - 5	Translucent	✓	✓	✓	✓
TP 201	Mineral filled TPS thermoplastic starch polymer	Granule	110°C-125°C	120°C-170°C	2 - 5	Opaque	√	✓	✓	✓

Compostable thermoplastic starch products; It has been developed as a starch-based raw material for compounds to be used in film extrusion applications, produced from renewable resources.









•Typical products that can be produced with our products include supermarket shopping bags, store shopping bags, garbage bags, hanger bags, industrial packaging, mulch films, etc. countable. However, it is not limited to these.







