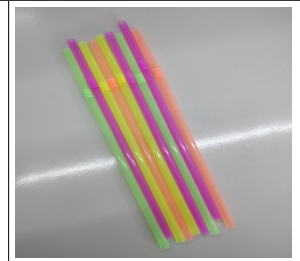




ESTABIO PL 0616 MTX

Biodegradable and compostable thermoplastic compound as a blend of biodegradable polyesters, partially from renewable resources. The product is suitable for producing straws.



Average physical and mechanical properties*

	Unit	Standard	Value	Note
Thermal properties				
H.D.T. (0,45 MPa 120°C/h)	°C	ASTM D648	53	
H.D.T. (1,80 MPa 120°C/h)	°C	ASTM D648	50	
Mechanical properties				
Izod notched	J/m	ASTMD256	90	
Tensile strenght at yield	MPa	ASTM D638	45	
Elongation at break	%	ASTM D638	32	
Flexural modulus	MPa	ASTM D638	2700	
Other properties				
Density	g/cm ³	ASTM D792	1.30	Plate

- Data shown are to be considered indicative, therefore they cannot be considered product specifications

INDICATIVE EXTRUSION CONDITION

Cylinder Temperature: 190-220°C
Head Temperature: 210°C

Unless other agreed, the product is supplied in octabins equipped with aluminum film. It is recommended to dry the product before use (3 hours at 50°C). It is recommended to close the packaging in case of partial use.

The material must be stored in its original packaging in a cool and dry place; it must be consumed within six months within the arrival.

The material can produce undesired chimica substances during extrusion (check the food contact statement); it is not recommended NOT to reuse the material for food contact application.

In the end of the production or during a stop of the machine it is recommended to clean the extruder with LDPE (MFR 2 g/10 min) .

THE FINISHED PRODUCT CAN BE USED UP TO 40°C.

Gorla Maggiore 14 May 2018