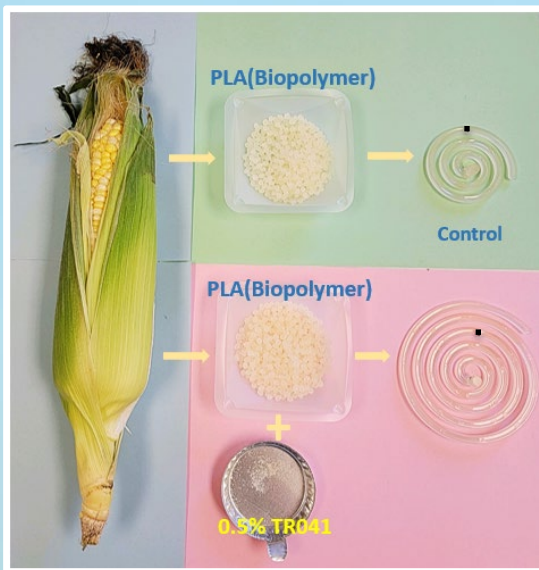


PLAadditive

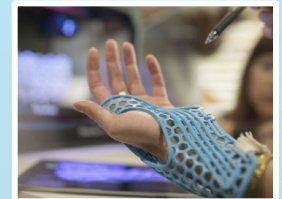
Flow better with STRUKTOL® TR 041 processing additive.

TR 041, an oleochemical derivative with no metal ions, has shown to increase flow of PLA more than 2 times without reducing mechanical properties. It is designed to maximize the wetting to both a polar filler and a non-polar polymer. By wetting both surfaces, this material allows a quicker incorporation of additives into the polymer matrix; decreasing mixing times, melt temperatures and viscosity.

For use in non-food contact applications, TR 041 is an economical option for bioplastic applications utilized in agricultural and automotive industries.



	Control	
PLA	100	99.5
STRUKTOL® TR 041		0.5
Torque (%)	50	46
Die Pressure (psi)	900	880
Tensile strength (kpsi)	10	10
Modulus (kpsi)	94	98
Impact resistance (ft-lb/in)	0.57	0.55
Impact strength (ft-lb/in ²)	1.41	1.36



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