

NextGen NanoComposite PLASTIC ADDITIVE

HOW DOES IT WORK?



PIPEDREAM
INDUSTRIES

*Innovating Sustainable Solutions
that were never thought possible.*

Our Plastic additive **strengthens** all **types of plastic**. This allows manufacturers to **use less resin** while keeping intact the mechanical properties of the end product. A **30% reduction of plastic use** is easily achieved, saving millions of pounds of plastic, **reducing costs across the board** and delivering significant sustainability wins. Our product is **PFAS free**, **FDA food safe** and increases UV resistance by over 50%, **reducing the leaching of plastic** into the product.

Reduces
greenhouse
gases, labor +
raw materials,
while **increasing**
safety. All adding
up to significant
wins in sustainability.

PIPEDREAMINDUSTRIES.COM
INFO@PIPEDREAMINDUSTRIES.COM

— ADDITIONAL **0.5%** by WEIGHT of PP STRENGTH ADDITIVE —

	WITH ADDITIVE	WITHOUT
Flexural Modulus	2100 MPa	1500 MPa
Yield Strength	39 MPa	35 MPa
Tensile Strength	38 MPa	26 MPa
Heat Deflection Temp.	122 C	104 C
Tensile Modulus	1260 MPa	950 MPa
Flexural Strength	33 MPa	26.4 MPa
UV Resistance	Yes	No