

SOLPLUS™ HYPERDISPERSANTS

PLASTICS MADE EASY

POLYMERIC DISPERSANTS FOR MASTERBATCH AND THERMOPLASTIC COMPOUNDS

Solid pellet masterbatch systems are the most common way to add color into extruded and injection molded thermoplastics. Maximizing the color obtained from the colored masterbatch is extremely important as users attempt to maximize the value obtained from these materials. It is typical to utilize processing aids and lubricants to assist in pigment processing. The use of dispersants in the masterbatch is becoming more widespread as producers attempt to maximize color strength and pigment loading. Solplus™ Hyperdispersants for masterbatch applications help deliver the color strength and higher pigment loading, enhancing the value delivered to plastic processors and improving the final product.

WHAT WE ADD MAKES THE DIFFERENCE.™

- MORE UNIFORM DISPERSION
- LOWER FILTER BLOCKING
- PRODUCTS FOR ORGANIC AND INORGANIC PIGMENTS AND FILLERS

Product	Description
Solplus™ DP310	General purpose dispersant designed for use in a broad number of systems. Works well in additive and colored masterbatch systems and other thermoplastic compounds. Particularly effective with inorganic pigments and fillers.
Solplus™ DP320*	High performance material for use in engineering thermoplastics and higher performing commodity plastics. This material has the highest melting point to aid in processing with higher temperature extrusions. *Not available in Europe
Solplus™ DP330	Hyperdispersant designed to optimize the color strength development with organic pigments.
Solplus™ DP700	100% active liquid for inorganic pigments and fillers for use in PVC.

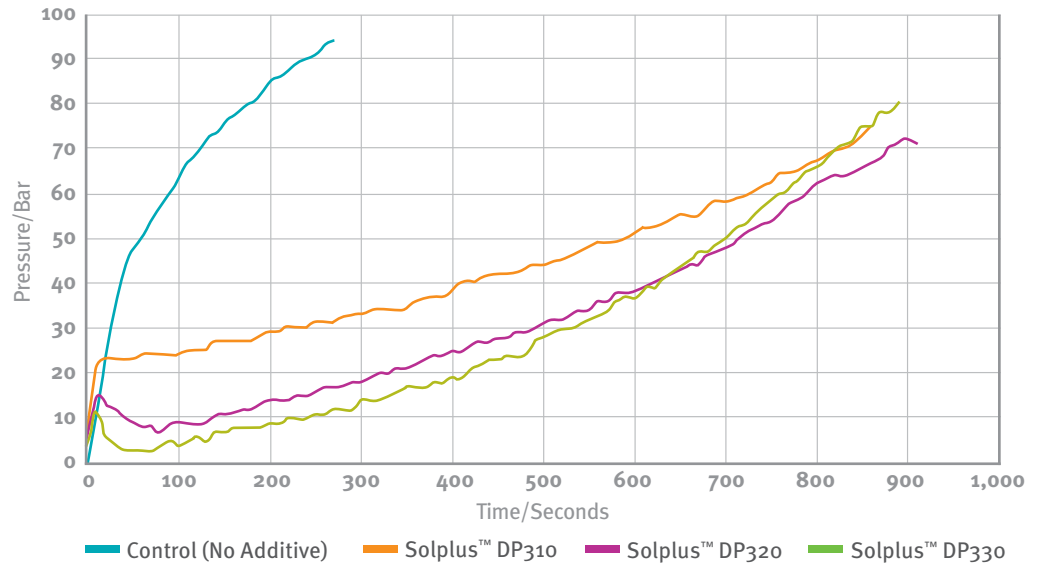
Technical Specifications							
Product	Melting Point (°C)	Organic Pigment	Inorganic Pigment	Fillers	Polyolefin	Engineering Plastics	PVC
Solplus™ DP310	105	●	●	●	●	○	○
Solplus™ DP320	140	●	○	○	●	●	–
Solplus™ DP330	80	●	–	–	●	○	○
Solplus™ DP700	Liquid	–	●	●	–	–	●

● = Highly Recommended ○ = Suitable – = Not Recommended

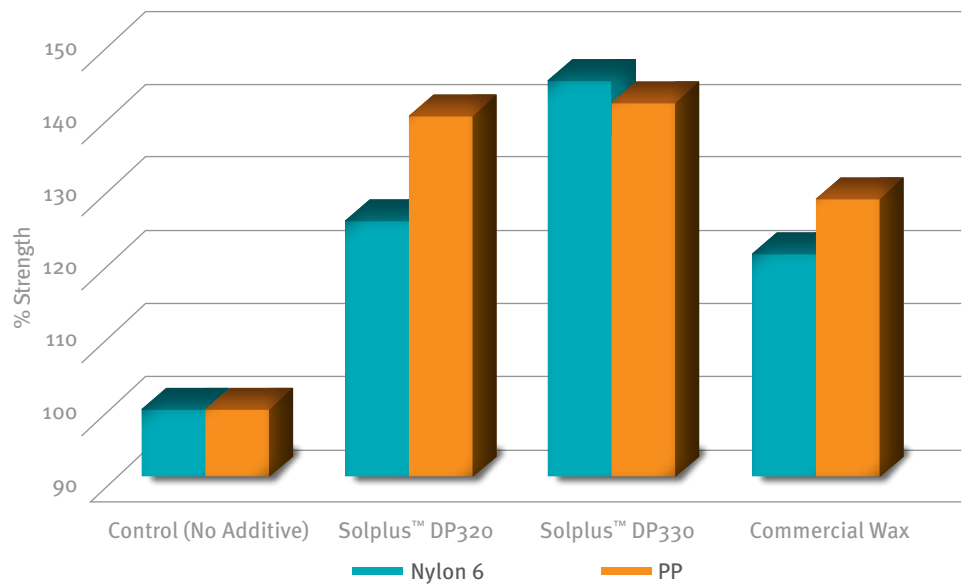
FEATURES & BENEFITS

- HIGHER COLOR STRENGTH DEVELOPMENT COMPARED TO TRADITIONAL LUBRICANTS
- ABILITY TO INCREASE PIGMENT LOADING TO DELIVER BETTER VALUE
- FASTER THROUGHPUT

Filterblocking During Masterbatch Production - PG7 in LLDPE



Color Strength with PG 7 in Different Polymers



Lubrizol

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