

GREEN AS WHITE CAN BE



ETP (ENGINEERING THERMOPLASTICS COMPOUNDING)

APPLICATIONS

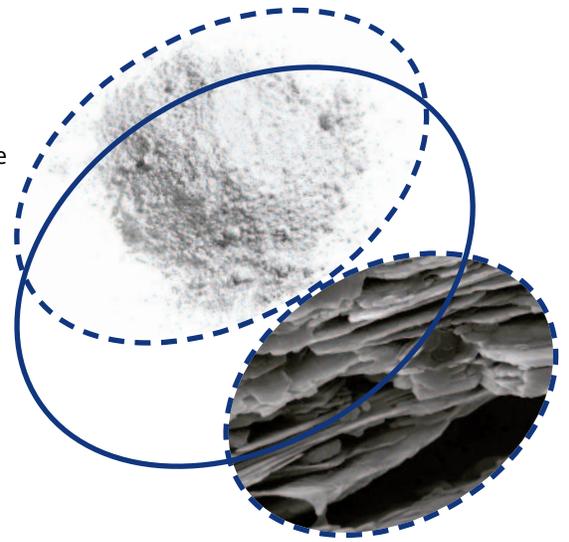
- Polyamide(Nylon 6, Nylon 66)
- Polycarbonate (PC), ABS, LCP, PC/PBT, PC/PET for automotive
- Consumer electronics market

www.imerys-kaolin.com

ABOUT IMERYS KAOLIN

We are a division of Imerys, a world leader of kaolins located in middle Georgia for over a hundred years. Our Kaolins are processed, refined and engineered to complement our customer's production processes, improving the quality and raising the performance of customers products. Imerys Kaolin offers Tailor-made solutions based on a understanding of the manufacturing process, production and business constraints of the Plastics industry.

Our range of products help to improve impact and tensile strength, warp resistance, electrical and chemical resistance, and enhances smoothness and brightness as well as TiO₂ extender to enhance the colors in your end product.



BENEFITS

- High reinforcement
- High heat resistance
- Better chemical resistance
- Better dimensional stability
- Less hydrolysis
- Better surface quality
- Better coloring performance
- Cost reduction
- Better injection molding stability
- Higher throughput

TYPICAL APPLICATIONS

- Polyamide(Nylon 6, Nylon 66)
- Polycarbonate (PC), ABS, LCP, PC/PBT, PC/PET for automotive
- Consumer electronics market

FORMULATION GUIDE

- Our team of technical service representatives can provide a formulation guide.

PERFORMANCE KAOLINS WORKING FOR YOU

Grade	Brightness (GE/ISO)	Mean particle size (d50)	Attributes
HYDRITE® SB 100	88/86	1.1	High Shape factor 100
HYDRITE® SB 60	88/86	0.40	High shape factor 60, ultrafine
POLARITE® 902A	88/86	1.4	Good mixing with Nylon, PET and TPU
POLARITE® 903A	88/86	1.1	Good mixing with PE, PP, PC and ABS
POLARITE® 502A	91/89	1.2	High impact strength for Nylon
KAOPAQUE® 10	88/86	0.58	Good combination of performance
POLARITE® 402A	92/90	0.69	Fine calcined clay surface treated to provide improved adhesion, dimensional stability and enhanced mechanical properties for the plastics market
HYDRITE® R	86/84	0.45	Fine particle sized kaolin suitable for bulk molding compounds and mechanical and electrical rubber
HYDRITE® R/A	86/84	0.45	Fine particle sized kaolin suitable for bulk molding compounds and mechanical

MORE INFORMATION

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