

Jetfine® | JetWhite® Talcs

high brightness with excellent balance
of stiffness and impact strength

New!

Jetfine 3CW

- High brightness talc for light colors
- Best balance of stiffness and cold impact
- Produced from North American ore deposits

JetWhite 7C

- High brightness talc for light colors
- Drop in for many light color fine talc compounds
- Produced from North American ore deposits



IMERYS

High brightness talcs



North American sourced

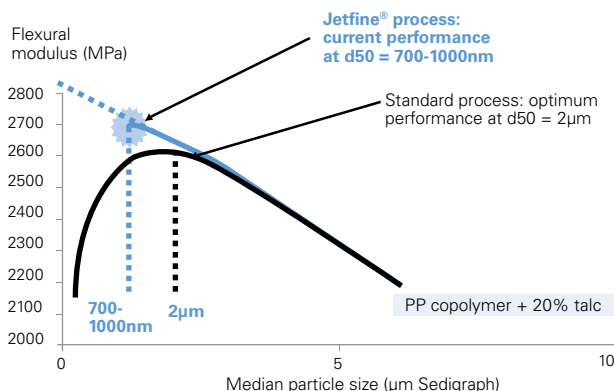
Imerys introduces two additions to our bright white talc portfolio, Jetfine 3CW and JetWhite 7C talc. Both are produced exclusively from North American ore deposits, and developed to assure quality, consistency, and supply while minimizing lead times. They join our existing bright white talc products, including Jetfine 3CA and Ccompact 710, to expand your options to achieve new levels of performance and cost control.

Jetfine 3CW

Jetfine 3CW is a new, ultrafine, hyper platy, bright talc product for reinforcing the most critical thermoplastic olefins (TPO) applications. It is produced in Canada, by a state of the art beneficiation and micronization process, which yields a product with exceptional reinforcing, dispersion and molding properties in polypropylene based compounds. It is produced only in compacted form for good handling and faster compounding rates.

With a high brightness level of 91Y for demanding applications specified in lighter colors, and a lower particle size (D50), Jetfine 3CW achieves superior flexural modulus versus other fine talc products when compounded with a PP copolymer at 20%. What really differentiates Jetfine 3CW is that it is the only bright white fine talc that exhibits ductile failure in multi-axial impact tests at -30° C.

Coupled with its outstanding stiffness properties, it is an ideal candidate for downgauging application including automotive interior and appliance components for weight reduction, and faster cycle times, all leading to lower part costs and improved fuel economy.



JetWhite 7C

Until now the only bright white talc products available for compounders were produced from foreign ore bodies. However, with the introduction of JetWhite 7C, Imerys has created a new bright white talc produced exclusively from North American ore bodies.

JetWhite 7C is a high brightness, high purity, extremely platy, ultrafine talc product, manufactured using new, state-of-the-art, proprietary beneficiation technology, which results in a 99% pure talc product and platy particle morphology. JetWhite 7C demonstrates improved reinforcing properties in polypropylene while maintaining excellent top-size control to achieve optimum impact performance. JetWhite 7C is available in compacted form for maximum extruder throughput and minimum dust generation.

JetWhite 7C is recommended for color consistency and color-matching, as well as for enhanced stiffness, HDT, dimensional stability, impact strength, and aesthetics in high performance plastics, including in automotive PP and TPO, appliance, and packaging applications. It can also be used for enhanced reinforcement in engineering thermoplastics, foamed plastics, plastic films, and in nucleation of semi-crystalline plastics.

Jetfine 3CW and JetWhite 7C talc both offer excellent balance of stiffness and ductile impact performance for cost reduction via downgauging and design optimization when compared to other fine talc products.

Product	Hegman	D50, µm (Sedigraph)	Brightness Minolta Y	Bulk Density, lb/ft ³
Jetfine 3CW	7.5	1.1	91	35
JetWhite 7C	7.0	2.0	91	40



IMERYS North America Performance Additives
For more information, please visit www.imerystalc.com

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