

DT WAX® GOP316T

High density refined oxidized polyethylene wax

High density oxidized polyethylene wax GOP316T is a refined high molecular weight oxidized polymer, using advanced technology and processes from Thailand's DYTECH CO., LTD. GOP316T is a polar wax containing hydroxyl and carboxyl groups prepared using a precision controlled high-density polyethylene wax functionalization process and innovative low-carbon refining technology. The application of OPE wax GOP316T in PVC products has good internal and external lubrication and metal stripping properties, which can improve the plasticizing speed of PVC systems and improve the later demolding performance, and it does not affect the transparency of transparent PVC products. The comprehensive performance of oxidized polyethylene wax in PVC application is far superior to that of ordinary polyethylene wax. GOP316T has the characteristics of high transparency and self emulsification. It can easily produce wax lotion, which is used in textile, paint, leather, brightener, floor wax and other industries.

Product Property	Typical Value	Unit	Test Method
Drop Point	140	°C	ASTM D3954
Viscosity (@150°C)	8500-11000	mpa.s	ASTM D3236
Density	0.98	g/cm ³	ASTM D1505
Penetration (@25°C)	≤0.5	d.mm	ASTM D1321
Acid Number	16	mg KOH/g	ASTM D1386

Product Application:

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|--------------------------------|----------------------------------|
| • PVC transparent products | • PVC Thermal stabilizers |
| • PVC high filler products | • CPVC |
| • Wax emulsion | • Engineering plastics |
| • Modification of wax products | • Hot melt adhesive regulator |
| • Ink and Paint | • Stone plastic and wood plastic |
| • Color masterbatch | • Filler masterbatch |

Product Form, Packing and Storage:

- White or slightly yellow powder or microsphere.
- Paper plastic composite anti-counterfeiting packaging bag.
- Net weight: 20kg/bag.
- Store in a cool and dry place, avoid direct vision and prevent scratching by sharp objects.

Regulatory compliance of DT WAX[®] refined wax:

- US FDA 21 CFR 177.1520.
- RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.
- REACH (SVHC) 236-Regulation (EC) No 1907/2006 concerning the REACH.
- European Directive 94/62/EC and its amendments .
- US Model Toxics in Packaging Legislation (TPCH: Toxics in packaging Clearing House).

Each grade of DT WAX[®] refined wax complies with or partially complies with the above regulations. Please consult your sales representative for details and test report.

Authorized manufacturer of DT WAX[®] refined wax:

- DYTECH CO., LTD.

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- JOYVISTA NEW MATERIALS (ZHEJIANG) CO.,LTD.

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Chinese factory is the global export manufacturing base of DT WAX[®] refined wax.

Disclaimer: The instructions, information and data given in this TDS are accurate and reliable in our opinion, but we do not guarantee this and do not assume any direct or indirect responsibility, because many factors will affect the processing and application of our products. Therefore, it can not replace the user's own test of the product. The actual data shall be subject to the COA and MSDS of the goods delivered by our company.

DT WAX[®] refined wax is only recommended for industrial products. Applications in special industries such as food, medicine and cosmetics require further safety certification by customers and can be used only after compliance is confirmed. DT WAX[®] refined wax production bases are located in Thailand and China. Please consult the promotion agents or sales representatives for details. ©2022 by dytech co., Ltd.

Version of product technical data sheet:

Dear customers, this TDS is version 2.0. TDS will be update with the product update iteration. Our company does not make special announcements and notices. Please consult your customer representative for the latest version of TDS.