

DT WAX® W118P
 Refined polyethylene wax

DT WAX® W118P is a high-purity refined polyethylene wax. It adopts the advanced technological formula of Thailand dytech Co.,Ltd, using precision controlled polyethylene thermal cracking composite process and low molecular weight cutting technology, it is refined using innovative low-carbon refining process. W118P has physical properties such as high softening point, high whiteness, low viscosity, low odor, and good thermal stability. W118P is a general-purpose high-performance polyethylene wax with excellent lubrication, dispersion, defoaming, exhaust, thermal performance modification, delayed plasticization, and increased melt fluidity. It has excellent application performance in PVC external lubrication, adhesive softening point and viscosity and opening time adjustment, leveling agent, powder coating, ink paint, rubber products, color masterbatch, filling masterbatch, road marking paint, wax product modification, stone plastic, wood plastic and other fields. Especially widely used in the PVC industry, hot melt adhesive industry and leveling agent industry.

Product Property	Typical Value	Unit	Test Method
Drop Point	115± 3	°C	ASTM D3954
Viscosity (@140°C)	20-40	mpa.s	ASTM D3236
Density	0.93 ± 0.01	g/cm ³	ASTM D1505
Penetration (@25°C)	Max3.0	d.mm	ASTM D1321
Acid Number	Nil	mg KOH/g	ASTM D1386
Color	50-70	-	ASTM E313

Product Application:

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| • PVC external lubricants | • PVC stabilizer |
| • Hot melt adhesive conditioner | • Rubber carbon black dispersion |
| • Road marking paint | • Lubricants for plastics and resin processing |
| • Modification of wax products | • Shielding and filling of cables and optical cables |
| • Ink, Paint and coating | • Stone plastic and wood plastic |
| • Color masterbatch and Filler masterbatch | • Leveling agent |

Product Form, Packing and Storage:

- White powders or microspheres.
- 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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+66 (2) 709 4996 dytech dyes@gmail.com
 - JOYVISTA NEW MATERIALS (ZHEJIANG) CO.,LTD.
No.2, Dayan Road, Lanxi Economic Development Zone, Jinhua City, Zhejiang Prov., P.R.China.
+86 (579) 88865021 joyvistagm@163.com
- Chinese factory is the global export manufacturing base of DT WAX[®] refined wax.

Disclaimer: The instructions, information and date 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 date 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 speicial announcements and notices.Please consult your custmoer representative for the latest version of TDS.