



Technical Data Sheet

Polyethylene Wax PLWN-3Wht1

Introduction

Polyethylene Wax PLWN-3Wht1 is a high quality non-oxidized, non-polar linear low molecular weight polyethylene, produced according to a high-temperature destruction process.

CAS: 9002-88-4

Specification

| Characteristics | Value | Test method |
|---|---------------------------|--------------------|
| Viscosity at 140°C, mPa*sec | 300-450 | GOST EN 13302-2013 |
| Drop point, °C | 108-115 | GOST 6793-74 |
| Melting temperature, °C | 106-113 | GOST 4255-75 |
| Needle penetration at 25°C, 10 ⁻¹ mm | Less than 2 | GOST 11501-78 |
| Density at 25°C, g/sm ³ | 0,92 - 0,95 | GOST -15139 |
| Form of issue | Powder / Free-form flakes | Visually |
| Color | White | Visually |

* - GOST (Russian: ГОСТ) - State Standard, Russian National Standard. GOST refers to a set of technical standards maintained by the Euro-Asian Council for Standardization, Metrology and Certification (EASC), a regional standards organization operating under the auspices of the Commonwealth of Independent States (CIS).

Main Scope of Application

- Lubricant for PVC
- Carrier material and dispersing aid in pigment and additive concentrations
- Paraffin compounding for increase of solidification and drop points
- Viscosity regulator in hot melt adhesive
- Hydrophobic filler for road marking

Food Certification

Listed in Annex I of COMMISSION REGULATION (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food (FCM substance No. 549). Indirect Approvals of the EC.

Packaging

Polyethylene Wax PLWN-3Wht1 is shipped palletized (preferably 500 kg each) in laminated polypropylene bags of 25 kg each.