



Technical Data Sheet

Polyethylene Wax PLWN-4W

Introduction

Polyethylene Wax PLWN-4W 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	450-600	GOST EN 13302-2013
Drop point, °C	104-109	GOST 6793-74
Melting temperature, °C	102-107	GOST 4255-75
Needle penetration at 25°C, 10 ⁻¹ mm	Less than 2	GOST 11501-78
Density at 25°C, g/sm ³	0,91 - 0,93	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
- Wax compositions for foundry production

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-4W is shipped palletized (preferably 500 kg each) in laminated polypropylene bags of 25 kg each.