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Technical Data Sheet

Polyethylene Wax PLWN -1B

Polyethylene Wax PLWN-1W is a high quality non-oxidized, non-polar linear low molecular weight polyethylene, produced according to a high-temperature destruction process.

Specification

Characteristics	Value	Teat method
Viscosity at 140C, mPa*sec	100-200	GOST EN 13302-2013
Drop point, 0C	102-107	GOST 6793-74
Melting temperature, 0C	100-105	GOST 4255-75
Needle penetration at 25C, 10-1mm	Less than 6	GOST 11501-78
Density at 25C, g/sm3	0,910 - 0,930	GOST 15139
Form of issue	Powder / Free-form flakes	Visually
Color	White	Visually

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-1B is shipped palletized (preferably 500 kg each) in laminated polypropylene bags of
25 kg each.