

# PALMOWAX EBS

## The Sustainable Lubricant That Meets Your Lubrication Needs

PALMOWAX EBS series is a plant-sourced secondary bis-amide additive. It exhibits excellent internal and external lubricating properties suitable for use in most general/engineering plastic polymers. EBS functions as slip additive and releasing agent in moulded engineering metal parts. In masterbatch production, EBS is incorporated for added-value lubricating resin performance.

Its good dispersing ability and surface migration allows PALMOWAX EBS series to be used in ink industries. When used in asphalt/bitumen, EBS is able to increase product's softening point and visco-elasticity. Thus, enhancing road's durability.

Other application areas of EBS are in synthetic latex, wire drawing, wood-plastic composite, paints, textiles and paper industries.

Recommended dosage is 0.5% - 5% w/w.

### Functions of PALMOWAX EBS

- ✓ Internal and External Lubricant
- ✓ Mould Release Agent
- ✓ Anti-blocking Agent
- ✓ Slip Additive
- ✓ Pigment Dispersant
- ✓ Flow Improver
- ✓ Surface Finish Improver
- ✓ Processing Aid
- ✓ Matting Agent
- ✓ Lubricant and Binder for Powder Metallurgy
- ✓ Defoamer
- ✓ Water Repellent
- ✓ Antistatic Agent

## Applications

- ✓ ABS
- ✓ PBT
- ✓ PC
- ✓ PMMA
- ✓ POM
- ✓ PS
- ✓ PVC
- ✓ Phenol Resin
- ✓ Polyolefins
- ✓ Masterbatch
- ✓ Wire Drawing
- ✓ Metal Sintering
- ✓ Paper Industries
- ✓ Nylon/Polyamides
- ✓ Bitumen and Asphalt
- ✓ Thermosetting Resins
- ✓ Inks
- ✓ Textiles
- ✓ Rubbers
- ✓ Paints/Coatings
- ✓ Thermoplastic Polyester
- ✓ Wood Plastic Composite (WPC)
- ✓ Sheet Moulding Compounds (SMC)
- ✓ Bulk Moulding Compounds (BMC)



## Typical Properties

Parameter	PALMOWAX BEAD	PALMOWAX SP	PALMOWAX SF	PALMOWAX ATOMIZED
Appearance	Bead	Powder	Fine Powder	Atomized Powder
Acid Value (mg KOH/g)	≤ 6.0	≤ 6.0	≤ 6.0	≤ 6.0
Amine Value (mg KOH/g)	≤ 3.0	≤ 3.0	≤ 3.0	≤ 3.0
Colour (Gardner)	≤ 3	≤ 3	≤ 3	≤ 3
Water Content (%)	≤ 0.20	≤ 0.20	≤ 0.20	-
Volatile Matter (%)	≤ 0.5	≤ 0.5	≤ 0.5	-
Ash (%)	≤ 0.10	≤ 0.10	≤ 0.10	-
Melting Point (°C)	141.5 - 145.0	141.5 - 145.0	141.5 - 145.0	141.5 - 145.0
Particle Size:				
10 Mesh On (%)	≤ 15.0	-	-	-
16 Mesh Pass (%)	-	≥ 90	-	-
42 Mesh Pass (%)	≤ 5.0	-	-	-
200 Mesh Pass (%)	-	-	≥ 85	-
325 Mesh On (%)	-	-	-	≤ 0.1

Please discuss with our sales representatives for formulation guideline.

Pack Size : 20kg / 25kg / Bulk Bag

## Our Brand in the Global Arena



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