

PALMESTER 3976

Pentaerythritol Tetrastearate (PETS)

The Green Lubricant That Meets Your Lubrication Needs

PALMESTER 3976 is a thermostable ester which can be suitably used as a processing aid for engineering plastics that require processing temperature between 140°C - 300°C.

PALMESTER 3976 is used as an internal & external lubricants for extrusion and moulding processes especially for PC (polycarbonate) and its associated alloys. It is compatible with most commercial resins and does not affect the clarity in extrusion processes. Its high heat stability and low volatility make it an excellent lubricant choice for many other important engineering plastics, i.e. PET/PBT, ABS, PMMA, and Polyacetal. PALMESTER 3976 is also suitable for commodity plastics such as PS & rigid PVC.

PALMESTER 3976 provides excellent anti-blocking and mould release properties, good flowability feature and enhanced surface glossiness.

Recommended dosage is 0.1% - 1.0% w/w.

Mould Release Agent



Internal & External Lubricants



Anti-blocking Agent



Flow Improver



Surface Finish Improver




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19 - 26 OCT 2022
Düsseldorf, Germany
Hall 7, Level 2, A12

Typical Properties

Test	PALMESTER 3976	Test Method
Acid Value (mg KOH/g)	2	ASTM D1980-87
Hydroxyl Value (mg KOH/g)	11	ASTM D1957-86
Saponification Value (mg KOH/g)	195	ASTM D5558-95
Iodine Value (g/100g)	0.3	ASTM D5554-95
Moisture (%)	0.1	ASTM D1744-92
Melting Point (°C)	65	AOCS CC 3-25

Please contact our sales representative for more information.

Pack Size: 20kg/ 25kg/ Bulk Bag

Industries We Serve

- ✓ ABS
- ✓ PMMA
- ✓ Polyester Film
- ✓ Rubber
- ✓ PBT
- ✓ Polyamides
- ✓ PS
- ✓ Engineering Plastics
- ✓ PC
- ✓ Polyacetal / POM
- ✓ Rigid PVC
- ✓ Thermoplastics
- ✓ PET

Our Brand in the Global Arena



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Malaysia
 KLK OLEO Corporate Office
 T : +603 7809 8833

China Sales Office
 KLK OLEO (Shanghai) Co., Ltd.
 T : +86 21 3636 1130

Europe Sales Office
 KLK Emmerich GmbH
 T : +49 2822 72 0

Americas Sales Office
 KLK OLEO Americas Inc.
 T : +1 516 584 6268

www.klkoleo.com
polymer@klkoleo.com