

LUBDE 7119

Description

Long-chain ester

Appearance

Solid, practically odourless product in fine-grained bead form

Technical Data

Saponification value	187 - 201 mg KOH/g
Hydroxyl value	20 - 37 mg KOH/g
Na by AAS	0 - 5 ppm
Colour Hazen/APHA	0 - 40 mg Pt/l

Applications

This thermoresistant ester with its minimum volatility is suitable as a processing agent for various types of thermoplastics.

In the injection moulding of polycarbonate, polybutylene terephthalate, PMMA and polyacetal, LUBDE 7119 improve the finished surface gloss, and prevents the polymer melt from sticking to the hot machine parts and facilitates mould release at higher tool temperatures, so that it is also possible to use moulds with a complex geometry. In addition, the feed behaviour is improved,.

.LUBDE 7119 also has a favourable influence on the tool filling speed, which results in finished parts which display good surface properties. Polycarbonate and PMMA containing an amount between 0.3 to 0.8 % of LUBDE 7119 remain transparent and colour stable.

LUBDE 7119 may be used as antiblock additive for biaxially oriented polyester films improving further resistance-abrasion.

Food Law Approvals _____ Germany, Italy, France, Belgium, Spain, Netherlands, USA, Japan

Analysis methods _____

Saponification value	DIN EN ISO 3681
Hydroxyl value	DIN 53240
Na by AAS	Q-C 3130.0
Colour Hazen/APHA	ISO 6271

Storage _____ It is recommended to store LUBDE 7119 at room temperature and to protect the product against the effects of heat and frost. If stored in sealed original containers, LUBDE 7119 will keep for at least 24 months.