



POLYETHYLENE LOW DENSITY X-0405

CHEMICAL CHARACTERISTICS: Polymer of the ethylene

FORM: semi-finished product

COLOR: natural

PHYSICAL AND SAFETY TECHNICAL INSTRUCTIONS

CHANGE OF STATE

Crystalline melting range 126-130 °C

DENSITY (°C) 0,923 g/cm³ DIN 53479

SETTLED APPARENT DENSITY kg/m³

STEAM PRESSURE (°C) not applicable mbar

VISCOSITY (°C) not applicable

SOLUBLY IN WATER (°C) insoluble g/l

PH-VALUE (at g/l H₂O) (°C) not applicable

FIRE POINT inflammation point abt. 350 °C value indicated

INFLAMMATION TEMPERATURE °C

EXPLOSION LIMITS LOWER HIGHER

THERMAL DECOMPOSITION exceeding 300°C

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33427 Llanera (Principado de Asturias)
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DANGEROUS DECOMPOSITION none

Besides carbon black also carbon dioxide and water as well as low molecular parts of PE will develop during the burning process. In case of incomplete burning also carbon monoxide may arise.

DANGEROUS REACTIONS none

FURTHER INDICATIONES

TRANSPORT	GGVSee/IMDG-Code GGVE/GGVS	UN-Nr:	ICAO/IATA-DGR ROD/ADR ADNR
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FURTHER INDICATIONS: No particular instructions have to be observed.

The material is not subject to the regulation of dangerous materials. Polymers are not subject to any obligation to give information acc to the chemical law. The additives contained are registered int the basic inventory (ECOIN). Therefore it is not necessary to indicate a CAS number.

**PROTECTION PROCEDURE, STORAGE AND HANDLING
TECHNICAL PROTECTION PROCEDURES**

No special protection procedures are necessary

PERSONAL PROTECTIVE

Breathing mask: not necessary **eye protection:** not necessary

EQUIPMENT

Hand protection: not necessary **miscellaneous:** not necessary

WORKING HYGIENE

No special protection procedures are necessary

FIRE AND EXPLOSION PROTECTION

Waste disposal 1. Recycling
2. Taking into consideration legal instructions concerning Inert waste, a.g.garbaje dump or garbage incineration.

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SUITABLE FIRE FIGHTING APPLIANCE: water, foam, carbon dioxide.

FIRST AID: skin burnings due to melted PE must be clinically treated

FURTHER INDICATIONS: PE-LD can be classified as normally inflammable material acc to DIN 4102.B2

TOXIC INDICATIONS

Non toxic

The material complies with the regulations of the foodstuff law (159.Information sheet of the Federal Health Authority no.26.53.1983)

ECOLOGICAL INDICATIONS

The material does not dispose of any effects being harmful to the environment.

FURTHER COMMENTS

This information is based on our today's knowledge. They are only meant to describe our products in respect to safety requirements and do not have the meaning to guarantee certain properties.

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