

Product Handling Information Document

Extruded sheet based on Copolyester

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COMPANY

Arla Plast AB
Box 33
590 30 Borensberg
Telephone: +46 (0) 141 20 38 00
Telefax: +46 (0) 141 414 30
E-mail: info@arlaplast.se
Web: www.arlaplast.se
Telephone number at emergencies: DIAL 112

PRODUCT NAME

GRIPHEN™, GRIPHEN™ UV, GRIPHEN™ R
GRIPHEN™ COLOUR, GRIPHEN™ UV COLOUR,
GRIPHEN™ ANTI-REFLEX, GRIPHEN™ UV ANTI-REFLEX
GRIPHEN™ FROST
GRIPHTECH™

AREA OF USE:

Extruded thermoplastic sheet to be used for industrial conversion to various components or used as such.

COMPOSITION/CLASSIFICATION OF SUBSTANCES

Copolyester:
CAS 25038-91-9 , CAS 25640-14-6

GRIPHEN™ FROST:

Copolyester substrate with a coextrusion layer of a mineral filled copolyester compound.

HAZARDS IDENTIFICATION

Extruded sheets are not hazardous products and the polymer is in general an inert material with low degradability in ground environment.

FIRST AID MEASURES

Inhalation

In case of irritation from inhalation of fumes, leave contaminated area to breath fresh air. If coughing, difficult breathing or any other symptoms develop, seek medical attention.

Skin

In case of skin contact with molten plastic, cool rapidly with water. Seek medical attention. Do not attempt removal of plastic without medical assistance. Do not use solvents for removal. Flush skin thoroughly with water. Seek medical attention if rash or burns occur.

Eye

In case of dust particles in eye, rinse with water. Seek medical attention if irritation remains.

FIRE FIGHTING MEASURES

Extinguishing media

Water, CO₂ , Powder, Foam.

Water is the preferred extinguishing medium due to the cooling capacity. Proper cooling is essential, otherwise material may re-ignite.

Protection

Fire men have to wear approved protective clothing and self-contained breathing apparatus.



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Hazardous Combustion Products

Hazardous combustion products may include carbon monoxide and carbon dioxide.

HANDLING AND STORAGE

Handling

Ensure adequate ventilation or exhaust ventilation in the working area. Avoid inhalation of dust.

Storage

Inert material under normal storing conditions. Should be stored indoor to be protected from heat and direct sunlight.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Strong heat as processing at too high temperatures can give fumes that irritate eyes or throat. Adequate general ventilation of the work place is sufficient for most processes. If dust is formed during processing, use respirator approved for protection from dust. Work clothes, covering arms and legs, are recommended if working with heated material. Use protective eye wear during cutting/machining of sheet products.

PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid (sheet form)
Colour:	Colourless or colour dependent on colouring
Odour:	slight
Boiling point:	Not applicable
Density:	approx. 1,27 g/cm ³ at 20°C
Evaporation rate:	Not applicable
Explosive limits:	Not applicable
Flash point:	Not applicable
Self Ignition temperature:	Not applicable
Melting range:	90-130°C
pH:	Not applicable
Vapour density (air=1):	Not applicable
Vapour pressure (mmHg):	Negligible
% Volatiles:	Negligible
Water solubility:	Insoluble

RECYCLING AND RECOMMENDATIONS FOR DISPOSAL

Recycling

This product can be recycled. Please contact Arla Plast AB for information.

Waste Disposal

This product is not regarded as hazardous waste. Dispose in accordance with local regulations.

OTHER INFORMATION

This publication provides information and guidelines for safe handling and secondary fabrication of above PETG products and is based on currently available experience and knowledge. The data does not signify any warranty with regards to product properties.

