

Product information

October 2004

Terlux[®] 2802 TR
(MABS)

BASF
The Chemical Company

Product description

Standard-injection moulding grade for transparent parts.

Physical form and storage

Terlux is supplied as lenticular pellets. The bulk density is from about 0.55-0.65 g/cm³. Standard pack: 25 kg PE sack, palletized and film-secured. Subject to agreement, other means of packing are possible, e.g. 1000 kg bulk containers (octagonal IBCs, or intermediate bulk containers, made from corrugated board with sack insert) or shipping by road tanker can be arranged. Terlux pellets can be stored for prolonged periods in dry areas subject to normal temperature control without any changes in mechanical properties. However, with sensitive colors storage over some years can cause some color change. In poor storage conditions, Terlux absorbs moisture, which can be removed again by drying. Packs stored in cold areas should be brought to ambient temperature before opening to prevent condensation on the pellets.

Product safety

Given appropriate processing of the products and suitable ventilation measures in production areas, no adverse effects on the health of process operator have been found. Workplace limits for styrene, methyl methacrylate, methyl acrylate, acrylonitrile and 1,3-butadiene, as given in the national listings applicable, must be adhered to.

The values currently applicable in Germany under TRGS 900 (issue of September, 1999) for maximum workplace concentrations are as follows. Styrene: 20 ml/m³ = 85 mg/m³; methyl methacrylate: 50 ml/m³ = 210 mg/m³; methyl acrylate: 5 ml/m³ = 18 mg/m³; acrylonitrile: 3 ml/m³ = 7 mg/m³; 1,3-butadiene: 5 ml/m³ = 11 mg/m³. Appendix I of Directive 67/548/EWG (issue of 1999) classifies acrylonitrile and 1,3-butadiene in carcinogenic category III (substances which should be regarded as carcinogenic in humans).

Experience has shown that during appropriate processing of Terlux with suitable ventilation the values obtained are well below the limits mentioned above. TRGS 402 (Germany) can be used for determining and assessing the concentrations of hazardous substances in the air within working areas.

Inhalation of gaseous degradation products, such as those which may arise on severe overheating of the material or during pumped evacuation, must be avoided. Further information can be found in our Terlux safety data sheets. These can be requested from the Styrenics Infopoint by phoning +49 621 60-4 14 46, fax: +49 621 60-4 60 06, or by e-mail: styrenics.infopoint@basf-ag.de.

Note

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. In order to check the availability of products please contact us or our sales agency.

Terlux 2802 Hd Product Datasheet

DJ Losen



Terlux 2802 Hd Product Datasheet:

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