

SRI LANKA STANDARD 871 : PART 5 : 1992

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**CODE FOR USE OF PLASTIC MATERIALS FOR
FOOD CONTACT APPLICATIONS**

PART 5 – POLYETHYLENE PHTHALATE (PET)

SRI LANKA STANDARDS INSTITUTION

CODE FOR USE OF PLASTIC MATERIALS FOR
FOOD CONTACT APPLICATIONS

PART 5 : POLYETHYLENE PHTHALATE (PET)

SLS 871 : 1992

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SRI LANKA STANDARDS INSTITUTION

53, Dharmapala Mawatha,

Colombo 3,

Sri Lanka.

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FOREWORD

This Standard was approved by the Sectoral Committee on Plastics was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 1992 - 12 - 17.

Plastics are widely used in the manufacture of food packaging materials, food utensils and components of food processing equipment. The plastic materials used for food contact applications are referred to as "food grade" plastics. It is generally accepted that the high molecular weight of polymers makes them essentially inert and insoluble in food and therefore do not pose toxic hazards. However, polymers may contain residues of monomers, low molecular weight polymers, processing aids and substances which are added to the polymer to modify its physical, mechanical or other properties during processing or usage. These residues may migrate into the food which is in contact with the polymer. Therefore, it is essential that the plastic materials and other additives used be such that any migration into the food from such materials is minimized.

The extent to which the migration occurs is dependent on the type of plastic, contact area, rate of transfer of compounds, duration of contact and the type of food which is in contact with the plastic materials.

Good manufacturing practices should be followed throughout the manufacturing process, supply and usage of plastic materials for food contact applications.

This part is one of a series of standard codes for use of plastic materials for food contact applications. Other parts in the series are:

- Part 1 : General guidelinee for manufactre;
- Part 2 : Polyvinyl chloride (PVC);
- Part 3 : Polyethylene (PE) ; and
- Part 4 : Polypropylene (PP).

This part covers polymers, processing aids and additives permitted for use in the manufacture and processing of polyethylene phthalate plastics for food contact applications. All permitted substances used should be of high standard of purity.