

Dagangan : ETHYLENE-BUTENE COPOLYMER	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Perdagangan : Polymer of Ethylene	3901.90 900
Jenama : Borstar® FB 1350	Tarikh Kelulusan : 12 Mac 2015

Barangan adalah dalam bentuk pellet berwarna putih. Berdasarkan keterangan dalam *Product Safety Information Sheet* mengenai barangan adalah seperti berikut:

(i) Composition/ Information on ingredient

The product is a polyethylene polymer.

(ii) Physical and chemical properties

<i>Appearance</i>	<i>Solid, natural colour</i>
<i>Odour</i>	<i>odourless</i>
<i>Melting point/range</i>	<i>100 – 140°C</i>
<i>Density</i>	<i>0.9 – 1.0 g/cm³</i>
<i>Water solubility</i>	<i>Insoluble in water</i>
<i>Stable</i>	<i>The product is a stable thermoplastic</i>

Barangan sesuai diperjeniskan di bawah kod tariff **3901.90 900 (PDK 2012)** sebagai **Other polymer of ethylene, in primary forms** berdasarkan alasan-alasan berikut:

- Hasil analisis pakar mendapati bahawa barangan mengandungi 'polyethylene' dengan nilai 'specific gravity' sampel adalah 1.05g/cm².
- Barangan berupa *pellet* berwarna putih dan menepati keterangan sebagai *primary forms* berdasarkan kepada **Note 6 to Chapter 39** seperti berikut:

Chapter 39

Plastics and articles thereof

Notes

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6.- *In headings 39.01 to 39.14, the expression "primary forms" applies only to the following forms :*

- (a) *Liquids and pastes, including dispersions (emulsions and suspensions) solutions;*
- (b) *Blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms.*

- Hasil analisa pakar ke atas spectrum 13C NMR yang dikemukakan didapati ia sepadan dengan '*ethylene-1-butene copolymer.*'
- Barangan adalah sesuai diperjeniskan di bawah **heading 39.01** berdasarkan keterangan dalam EN HS 2012 muka surat VII-3901-1 seperti berikut:

39.01 - Polymers of ethylene, in primary forms

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3901.90 – Other

This heading covers polyethylene and chemically modified polyethylene (for example, chlorinated polyethylene and chlorosulphonated polyethylene). It also covers ethylene copolymers (for example, ethylene-vinyl acetate copolymers and ethylene-propylene copolymers) in which ethylene is the predominant co-monomer unit. For the classification of the polymers (including copolymers), chemically modified polymers and polymer blends, see the General Explanatory Note to this Chapter.

Polyethylene is a translucent material having a very wide range of applications. Low-density polyethylene (LDPE), i.e., polyethylene having a specific gravity at 20°C of less than 0.94 (calculated on an additive-free polymer basis), is used largely as a packaging film especially for food products, as coating for paper, fibreboard, aluminium foil, etc., as an electric insulator, and for the manufacture of various household articles, toys, etc. The heading also includes linear low-density polyethylene (LLDPE). High-density polyethylene (HDPE) is polyethylene having a specific gravity at 20°C of 0.94 or more (calculated on an additive-free polymer basis). It is used in the manufacture of a variety of blow-moulded and injection-moulded articles, woven sacks, gasoline and oil containers, for the extrusion of pipes, etc. Applications of ethylene-vinyl acetate copolymers include snap-on caps, the lining of bag-in box containers and stretch wrapping.