

<b>Dagangan</b> : POLYSTRENE COPOLYMER Nama Perdagangan : Polystrene (PS)	<b>Kod Tarif (Perintah Duti Kastam 2012)</b> : 3903.90 900 <b>Tarikh Kelulusan</b> : 09 Januari 2017
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**Keterangan barangan :**

Barangan merupakan *plastic resin* dan berbentuk "*cylindrical pellet*" berwarna hitam yang berukuran 3.0 – 3.5mm dan 2.0 – 3.5mm. Barangan dipek dalam 25kgs/bag. Gambar barangan adalah seperti berikut



Keterangan dan spesifikasi barangan berdasarkan kepada *Material Safety Data Sheet (MSDS)* adalah seperti berikut:

(a) *Composition/ information on ingredients:*

<i>Product name</i>	<b>Polystrene (PS)</b>	
<i>Chemical Name</i>	<i>Polystrene Compound</i>	
<b>Composition</b>	<b>CAS Number</b>	<b>Content</b>
<i>Polystrene</i>	9003-53-6	75 – 80%
<i>Brominated aromatic compound (Flame Retarded agent)</i>	25713-60-4	15 – 18%
<i>Antimony Trioxide</i>	1309-64-4	3 – 4%
<i>Parafin Oil</i>	8012-95-1	0.8 – 1.0%
<i>Dispersion Agent</i>		0.4 – 0.5%

(b) *Physical and chemical properties:*

<i>Form</i>	<i>Cylindrical pellet with 3.0 – 3.5mm and 2.0 – 3.5mm</i>
<i>Odour</i>	<i>Faint odour</i>
<i>Specific gravity</i>	1.15 – 1.17g / cm <sup>3</sup>
<i>Solubility</i>	<i>Insoluble in water</i>
<i>Miscibility with water</i>	<i>Immiscible</i>

Menurut pihak syarikat, barangan adalah *polystyrene copolymer* yang terdiri daripada *polystyrene* dan *brominated aromatic compound*. Barangan digunakan untuk membuat *various type of plastic part*.

**Ketetapan**

Ketua Pengarah Kastam memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **3903.90 900** sebagai **Other copolymer of polystyrene** berdasarkan alasan-alasan berikut:

- 1) Barangan adalah *plastic resin*, dihasilkan daripada *polystyrene copolymer* yang terdiri daripada *polystyrene* dan *brominated aromatic compound*.
- 2) Analisis pakar mengesahkan bahawa barangan terdiri kebanyakannya daripada *polystyrene* dan ianya sesuai diperjeniskan di bawah *heading 39.03* yang mendapat liputan di dalam EN HS2012 muka surat VII-3903- I seperti berikut:

**39.03 - Polymers of styrene, in primary forms.**

.....  
- *Polystyrene* :

3903.11 - - *Expansible*

3903.19 - - *Other*

3903.20 - *Styrene-acrylonitrile (SAN) copolymer*

3903.30 - *Acrylonitrile-butadiene-styrene (ABS) copolymer*

**3903.90 - Other**

***This heading covers polystyrene and copolymers of styrene*** .....

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*Unexpanded polystyrene is a colourless, transparent, thermoplastic material which finds extensive use in the electrical and radio industries.....*

- 3) Walaupun, barangan telah bercampur dengan *mix colorant (antimony trioxide & carbon black)*, ia masih menepati kriteria sebagai *primary form* berdasarkan Keterangan *General* dalam EN mukasurat VII-39-11 seperti berikut :

**GENERAL**

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**Primary forms**

*Headings 39.01 to 39.14 cover goods in primary forms only. The expression "primary forms" is defined in Note 6 to this Chapter. It applies only to the following forms:*

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- (2) ***Powder, granules and flakes.*** *In these forms they are employed for moulding, for the manufacture of varnishes, glues, etc. and as thickeners, flocculants, etc. They may consist of the unplasticised materials which become plastic in the moulding and curing process, or of materials to which plasticisers have been added; **these materials may incorporate fillers** (e.g., wood flour, cellulose, textile fibres, mineral substances, starch), **colouring matter** or other substances cited in Item (1) above.....*

4) Barangan adalah *polystyrene copolymer*. Berdasarkan keterangan di atas serta analisis pakar, barangan ini sesuai diperjeniskan secara khusus di bawah kod tarif **3903.90 900** mengikut PDK 2012 seperti berikut:

**39.03 - Polymers of styrene, in primary forms.**

- *Polystyrene:*  
.....

3903.19 - - *Other:*

100 - - - *In dispersion*

- - - *Other:*

920 - - - - *High impact polystyrene (HIPS)*

990 - - - - *Other*  
.....

3903.30 - *Acrylonitrile-butadiene-styrene (ABS) copolymer*  
.....

**3903.90 - Other:**

100 - - *In dispersion*

**900 - - Other**