

<b>Dagangan</b> : ELECTRIC HEATING RESISTORS	<b>Kod Tarif (Perintah Duti Kastam 2012):</b> 8516.80.30 00 (PDK 2017)
Nama Perdagangan : Heating Element Model : MEC-21 Series	<b>Tarikh Kelulusan</b> : 07 Disember 2018

**Keterangan barangan :**

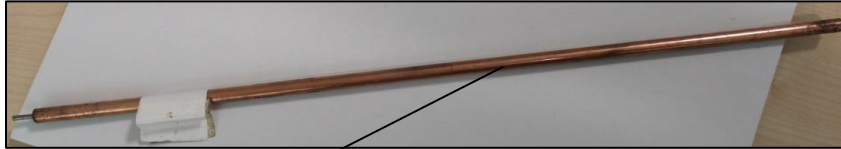
- Barangan adalah berupa sebatang rod panjang yang disaluti kuprum (*copper*) di bahagian luar. Barangan mempunyai 3 segmen iaitu *tube*, *terminal pin* dan *heating wire*. Berdasarkan maklumat diberikan, panjang rod semasa diimport adalah 36cm dengan ukuran diameter 5mm.
- Berikut merupakan spesifikasi barangan sebagaimana yang diberikan :

Rating Power	MEC-21A : 220V,470W 99.03~106.73Ω MEC-21B : 220V,1015W 45.86~49.42Ω MEC-21C : 240V,1015W 54.57~58.81Ω
Diameter of heater	7.2mm+0.15mm/-mm
Diameter of Terminal pin	2.4mm+0.02mm/-0.12mm
Length of AG	24mm+3mm/-3mm
Application of HTR	IRON
Surface watt density of Tube	MEC-21A : 220V,470W 99.03~106.73Ω MEC-21B : 220V,1015W 45.86~49.42Ω MEC-21C : 240V,1015W 54.57~58.81Ω
Surface watt density of Wire	MEC-21A : 220V,470W 99.03~106.73Ω MEC-21B : 220V,1015W 45.86~49.42Ω MEC-21C : 240V,1015W 54.57~58.81Ω

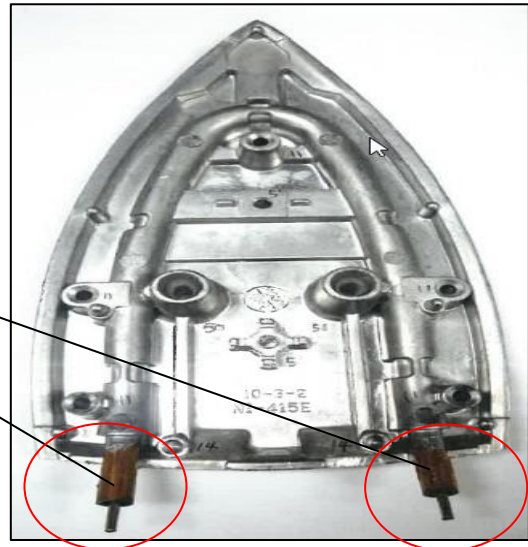
- Material barangan pula adalah seperti berikut:-

TUBE	Material of the tube is mild steel welding tube with copper plating.		
	Diameter	$\phi$ 7.2mm+0.15mm/-0mm $\Delta$	
	Thickness	0.7mm	
Terminal pin	According to JIS C3505,SWRM-8 with plated nickel(2~5 $\mu$ m thickness).		
	Diameter	$\phi$ 2.4mm+0.02mm/-0.12mm	
	Reveal Length $\Delta$	MEC-21A	8.3 +0.8/-0.8mm
		MEC-21B	10.1 +0.8/-0.8mm
MEC-21C		8.3 +0.8/-0.8mm	
Heating Wire	According to JIS C2520,type of the heating wire is FCHW-2		
	Diameter		
	MEC-21A	$\phi$ 0.20mm	
	MEC-21B	$\phi$ 0.26mm	
	MEC-21C	$\phi$ 0.26mm	
Filling Material Use MGO which is deal with Si-oil.			

- Gambar barangan adalah seperti di bawah:



Heating  
element



**Ketetapan:**

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **8516.80.30 00** sebagai **Electrical heating resistors for domestic appliances** berdasarkan alasan-alasan berikut :

- Barangan adalah sebuah medium untuk memanaskan yang dipasang di dalam seterika.
- Barangan adalah sebuah *heating element* yang juga dikenali sebagai *electric heating resistor* yang digunakan sebagai *part* untuk pelbagai *electrical appliances* seperti *smoothing iron, hot plate or electric cooker*.
- Ini diliputi di dalam HS 2017 Explanatory Notes mukasurat XVI-8516-1 hingga XVI-8516-5 seperti berikut:

**85.16 - Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electro-thermic hair-dressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45.**

8516.10 - Electric instantaneous or storage water heaters and immersion heaters  
 - Electric space heating apparatus and electric soil heating apparatus :

8516.21 - - Storage heating radiators

8516.29 - - Other

- Electro-thermic hair-dressing or hand-drying apparatus :

- 8516.31 - - Hair dryers
- 8516.32 - - Other hair-dressing apparatus
- 8516.33 - - Hand-drying apparatus
- 8516.40 - Electric smoothing irons
- 8516.50 - Microwave ovens
- 8516.60 - Other ovens; cookers, cooking plates, boiling rings, grillers and roasters
- Other electro-thermic appliances :
- 8516.71 - - Coffee or tea makers
- 8516.72 - - Toasters
- 8516.79 - Other
- 8516.80 - Electric heating resistors**
- 8516.90 - Parts

(A) – (E)

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**(F) ELECTRIC HEATING RESISTORS**

*With the exception of those of carbon (heading 85.45), **all electrical heating resistors are classified here**, irrespective of the classification of the apparatus or equipment in which they are to be used.*

***They consist of bars, rods, plates, etc., or lengths of wire** (usually coiled), of special material **which becomes very hot when current is passed through it**. The material used varies (special alloys, compositions based on silicon carbide, etc.). they may be obtained in the form of individual components by a printing process.*

*Wire resistors are usually mounted on insulating formers (e.g., of ceramics, steatite, mica or plastics) or on soft insulating core (e.g., of glass fibres or asbestos). If not mounted, wire of this kind is classified here only if cut to length and coiled or otherwise formed to a shape identifying it as a heating resistor element. The same applies to bars, rods and plates which, to be classified here, must be cut to length or size ready for use.*

*Resistors remain classified here even if specialised for a particular machine or apparatus, but if assembled with parts other than a simple insulated former and electrical connections they are classified as parts of the machines or apparatus in question (e.g., base plates for smoothing irons and plates for electric cookers).*

*The heading also excludes defrosters and demisters. These consist of a resistance wire mounted in a frame for fitting to the windscreen (heading 85.12).*

**PARTS**

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- Berdasarkan struktur tarif Perintah Duti Kastam 2017, barangan mendapat liputan seperti berikut:

**85.16 - *Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electro-thermic hair-dressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45.***

8516.10 - *Electric instantaneous or storage water heaters and immersion heaters:*

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- *Electric space heating apparatus and electric soil heating apparatus:*

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- *Electro-thermic hair-dressing or hand-drying apparatus:*

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8516.40 - *Electric smoothing irons:*

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8516.50.00 00 - *Microwave ovens*

8516.60 - *Other ovens; cookers, cooking plates, boiling rings, grillers and roasters:*

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- *Other electro-thermic appliances:*

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8516.80 - *Electric heating resistors:*

8516.80.10 00 - - *For type-founding or type-setting machines; for industrial furnaces*

**8516.80.30 00 - - *For domestic appliances***

8516.80.90 00 - - *Other*

8516.90 - *Parts*

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