

Dagangan : ALLOY STEEL WIRE ROD Nama Perdagangan : Hot Rolled Alloy Steel Wire Rod in Coil Spec/Type : Ps-Posweld1B Model : ER70S-G	Kod Tarif (Perintah Duti Kastam 2012) : 7227.90.00 00 (PDK 2017) Tarikh Kelulusan : 28 Julai 2017
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Keterangan barangan :

Barangan dinamakan sebagai *wire rod* merupakan rod logam berwarna kelabu.

Spesifikasi barangan :-

1. Ukuran diameter : 5.5 mm
2. Pembungkusan: Diimport dalam bentuk gelungan (*coil*)
3. Komposisi barangan (Permohonan) :
Carbon: 0.068 %
Manganese: 1.2040 %
Silicon: 0.6240 %
4. Spesifikasi : *Ps-Posweld1B – Wire rod for CO2 electrodes that are used for MAG welding of 50kg/mm2-class mild steel and 60kg/mm2-class high-tensing steel*
5. *Manufacturing method: Hot rolled*

Kegunaan barangan adalah *raw material for making solid welding wire*

Maklumat barangan berdasarkan *Mill Test Certificate* :-

Commodity	Wire rod (bloom)	
Spec & type	PS-POSWELD1B	
Element	Carbon (C)	0.0565%, 0.0628 %
	Silicon (Si)	0.624%, 0.608 %
	Manganese (Mn)	1.204%, 1.193%
	Phosphorus (P)	0.0129%, 0.0127 %
	Sulphur (S)	0.0048%, 0.0117%
	Chromium (Cr)	0.025%, 0.030%
	Nickel (Ni)	0.010%, 0.007%

Laporan analisis pakar mengesahkan sampel merupakan rod logam berwarna kelabu dengan purata ukuran panjang 32 cm dan diameter 0.55 cm. Setelah dianalisis, didapati sampel terdiri daripada 99.5% besi, 0.42% mangan dan 0.06% karbon.

Gambar barangan :-



Ketetapan:

Ketua Pengarah Kastam Malaysia memutuskan barangan tersebut sesuai diperjeniskan di bawah kod tariff **7227.90.00 00** sebagai ***Other bars and rods, hot rolled, in irregularly wound coils, of other alloy steel.***

Berdasarkan saiz, fizikal, serta proses penghasilan, barangan memenuhi definisi *bars and rods* berdasarkan *Chapter Notes 1(l) Chapter 72* di dalam Perintah Duti Kastam 2017 iaitu :-

(l) *Bars and rods, hot-rolled, in irregularly wound coils*

Hot-rolled products in irregularly wound coils, which have a solid cross-section in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons (including flattened circles and modified rectangles, of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). These products may have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods).

Kandungan elemen *carbon* yang terkandung di dalam barangan adalah 0.06% sebagaimana yang telah disahkan oleh pakar. Oleh itu, barangan memenuhi definisi *steel* sebagaimana berdasarkan *Chapter Notes 1(d) Chapter 72* di dalam Perintah Duti Kastam 2017 iaitu :-

(d) *Steel*

Ferrous materials other than those of heading 72.03 which (with the exception of certain types produced in the form of castings) are usefully malleable and which contain by weight 2% or less of carbon. However, chromium steels may contain higher proportions of carbon.

Berdasarkan *mill certificate*, menunjukkan kandungan *silicon* adalah 0.6%, yang mana barangan memenuhi definisi *alloy steel* sebagaimana keterangan *Chapter Note 1(f) Chapter 72* di dalam Perintah Duti Kastam 2017 iaitu :-

Chapter Note 1(f)

(f) *Other alloy steel*

Steels not complying with the definition of stainless steel and containing by weight one or more of the following elements in the proportion shown:

- 0.3 % or more of aluminium
- 0.0008 % or more of boron
- 0.3 % or more of chromium
- 0.3 % or more of cobalt
- 0.4 % or more of copper
- 0.4 % or more of lead
- 1.65 % or more of manganese
- 0.08 % or more of molybdenum
- 0.3 % or more of nickel
- 0.06 % or more of niobium
- 0.6 % or more of silicon
- 0.05 % or more of titanium
- 0.3 % or more of tungsten (wolfram)
- 0.1 % or more of vanadium
- 0.05 % or more of zirconium
- 0.1 % or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.

Barangan mendapat liputan di dalam EN HS 2017 muka surat XV-7227-1 seperti berikut :

72.27 – Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel.

7227.10 - *Of high speed steel*

7227.20 - *Of silico-manganese steel*

7227.90 - *Other*

The provisions of the Explanatory Note to heading 72.13 apply, mutatis mutandis, to the products of this heading.

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Bars and rods, hot rolled, in irregularly wound coils, are defined in Note 1(I) to this Chapter.

These products (also known as wire rod) are mainly used for drawing into wire (heading 72.17) but they are also used for other purposes especially in building work (e.g., as welded netting), in the nut and bolt industry, in the cold-drawing industry, etc., and for the manufacture of welding rods.

*The heading also includes bars and rods for concrete reinforcement; such products are rolled with protuberances or indentations (e.g., teeth, grooves, flanges), **provided** their general cross-sectional shape corresponds to one of the geometrical shapes defined in Chapter Note 1 (I). These protuberances or indentations must be designed solely to improve the bond with concrete, etc.*

The heading does not cover bars and rods of this kind, straightened and cut to length (heading 72.14).

Barangan mendapat liputan secara khusus berdasarkan Perintah Duti Kastam (PDK 2017) seperti berikut:

72.27	Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel.
7227.10.00 00	- <i>Of high speed steel</i>
7227.20.00 00	- <i>Of silico-manganese steel</i>
7227.90.00 00	- <i>Other</i>