

## LAMPIRAN 1

TABEL F UNTUK  $\alpha = 5\%$ 

| V1 \ V2 | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 12   | 15   | 20   | 30   | 40   | 60   | 120  | ∞    |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1       | 161  | 200  | 216  | 225  | 230  | 234  | 237  | 239  | 241  | 242  | 244  | 246  | 248  | 250  | 251  | 252  | 253  | 254  |
| 2       | 18.5 | 19.0 | 19.2 | 19.2 | 19.3 | 19.3 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 |
| 3       | 10.1 | 9.55 | 9.28 | 9.12 | 9.01 | 8.94 | 8.89 | 8.85 | 8.81 | 8.79 | 8.74 | 8.70 | 8.66 | 8.62 | 8.59 | 8.57 | 8.55 | 8.53 |
| 4       | 7.71 | 6.94 | 6.59 | 6.39 | 6.26 | 6.16 | 6.09 | 6.04 | 6.00 | 5.96 | 5.91 | 5.86 | 5.80 | 5.75 | 5.72 | 5.69 | 5.66 | 5.63 |
| 5       | 6.61 | 5.79 | 5.41 | 5.19 | 5.05 | 4.95 | 4.88 | 4.82 | 4.77 | 4.74 | 4.68 | 4.62 | 4.56 | 4.50 | 4.46 | 4.43 | 4.40 | 4.36 |
| 6       | 5.99 | 5.14 | 4.76 | 4.53 | 4.39 | 4.28 | 4.21 | 4.15 | 4.10 | 4.06 | 4.00 | 3.94 | 3.87 | 3.81 | 3.77 | 3.74 | 3.70 | 3.67 |
| 7       | 5.59 | 4.74 | 4.35 | 4.12 | 3.97 | 3.87 | 3.79 | 3.73 | 3.68 | 3.64 | 3.57 | 3.51 | 3.44 | 3.38 | 3.34 | 3.30 | 3.27 | 3.23 |
| 8       | 5.32 | 4.46 | 4.07 | 3.84 | 3.69 | 3.58 | 3.50 | 3.44 | 3.39 | 3.35 | 3.28 | 3.22 | 3.15 | 3.08 | 3.04 | 3.01 | 2.97 | 2.93 |
| 9       | 5.12 | 4.26 | 3.86 | 3.63 | 3.48 | 3.37 | 3.29 | 3.23 | 3.18 | 3.14 | 3.07 | 3.01 | 2.94 | 2.86 | 2.83 | 2.79 | 2.75 | 2.71 |
| 10      | 4.96 | 4.10 | 3.71 | 3.48 | 3.33 | 3.22 | 3.14 | 3.07 | 3.02 | 2.98 | 2.91 | 2.84 | 2.77 | 2.70 | 2.66 | 2.62 | 2.58 | 2.54 |
| 11      | 4.84 | 3.98 | 3.59 | 3.36 | 3.20 | 3.09 | 3.01 | 2.95 | 2.90 | 2.85 | 2.79 | 2.72 | 2.65 | 2.57 | 2.53 | 2.49 | 2.45 | 2.40 |
| 12      | 4.75 | 3.89 | 3.49 | 3.26 | 3.11 | 3.00 | 2.91 | 2.85 | 2.80 | 2.75 | 2.69 | 2.62 | 2.54 | 2.47 | 2.43 | 2.38 | 2.34 | 2.30 |
| 13      | 4.67 | 3.81 | 3.41 | 3.18 | 3.03 | 2.92 | 2.83 | 2.77 | 2.71 | 2.67 | 2.60 | 2.53 | 2.46 | 2.38 | 2.34 | 2.30 | 2.25 | 2.21 |
| 14      | 4.60 | 3.74 | 3.34 | 3.11 | 2.96 | 2.85 | 2.76 | 2.70 | 2.65 | 2.60 | 2.53 | 2.46 | 2.39 | 2.31 | 2.27 | 2.22 | 2.18 | 2.13 |
| 15      | 4.45 | 3.68 | 3.29 | 3.06 | 2.90 | 2.79 | 2.71 | 2.64 | 2.59 | 2.54 | 2.48 | 2.40 | 2.33 | 2.25 | 2.20 | 2.16 | 2.11 | 2.07 |
| 16      | 4.49 | 3.63 | 3.24 | 3.01 | 2.85 | 2.74 | 2.66 | 2.59 | 2.54 | 2.49 | 2.42 | 2.35 | 2.28 | 2.19 | 2.15 | 2.11 | 2.06 | 2.01 |
| 17      | 4.45 | 3.59 | 3.20 | 2.96 | 2.81 | 2.70 | 2.61 | 2.55 | 2.49 | 2.45 | 2.38 | 2.31 | 2.23 | 2.15 | 2.10 | 2.06 | 2.01 | 1.96 |
| 18      | 4.41 | 3.55 | 3.16 | 2.93 | 2.77 | 2.66 | 2.58 | 2.51 | 2.46 | 2.41 | 2.34 | 2.27 | 2.19 | 2.11 | 2.06 | 2.02 | 1.97 | 1.92 |
| 19      | 4.38 | 3.52 | 3.13 | 2.90 | 2.74 | 2.63 | 2.54 | 2.48 | 2.42 | 2.38 | 2.31 | 2.23 | 2.16 | 2.07 | 2.03 | 1.98 | 1.93 | 1.88 |
| 20      | 4.35 | 3.49 | 3.10 | 2.87 | 2.71 | 2.60 | 2.51 | 2.45 | 2.39 | 2.35 | 2.28 | 2.20 | 2.12 | 2.04 | 1.99 | 1.95 | 1.90 | 1.84 |
| 25      | 4.24 | 3.39 | 2.99 | 2.75 | 2.60 | 2.49 | 2.40 | 2.34 | 2.28 | 2.24 | 2.16 | 2.09 | 2.01 | 1.92 | 1.87 | 1.82 | 1.77 | 1.71 |
| 30      | 4.17 | 3.32 | 2.92 | 2.69 | 2.53 | 2.42 | 2.33 | 2.27 | 2.21 | 2.16 | 2.09 | 2.01 | 1.93 | 1.84 | 1.79 | 1.74 | 1.68 | 1.59 |
| 40      | 4.08 | 3.23 | 2.84 | 2.61 | 2.45 | 2.34 | 2.25 | 2.18 | 2.12 | 2.08 | 2.00 | 1.92 | 1.84 | 1.74 | 1.69 | 1.64 | 1.58 | 1.51 |
| 60      | 4.00 | 3.15 | 2.75 | 2.53 | 2.37 | 2.25 | 2.17 | 2.10 | 2.04 | 1.99 | 1.92 | 1.84 | 1.75 | 1.65 | 1.59 | 1.53 | 1.47 | 1.39 |
| 120     | 3.92 | 3.07 | 2.68 | 2.45 | 2.29 | 2.18 | 2.09 | 2.02 | 1.96 | 1.91 | 1.83 | 1.75 | 1.66 | 1.55 | 1.50 | 1.43 | 1.35 | 1.25 |
| ∞       | 3.84 | 3.00 | 2.60 | 2.37 | 2.21 | 2.10 | 2.01 | 1.94 | 1.88 | 1.83 | 1.75 | 1.67 | 1.57 | 1.45 | 1.39 | 1.32 | 1.22 | 1.00 |

# LAMPIRAN 2

FROM :

FAX NO. 162 21 6911569

27 Jul. 2009 2:58PM P2



**PT. BHINNEKA BAJANAS**

S.I.U.P. No. 1296/97/09 - 02/PB/XIV/2000



Jl. Karang Belong Raya No.5, Ancol Barat, Jakarta - Indonesia P.O.Box.4103/JKT  
Phone: 62-21-6912116, 6912201, 6922122, 6925431, 6925591, 6909308 (hunting) Fax.: 6911569, 6924201

## TEST CERTIFICATE

Nr./No./No.: 194.942 08.04.17  
Seite/Page/Page: 01

Bestell-Nr./Purchase Order No./No. de commande

BB/2440/08

Unsere Auftrags-Nr./Our No./No. commande d'usine

938.017/RI

Lieferschein/Dispatch note/Avis d'expédition

52/138.928/SH

Prüfgegenstand/Objekt of tests/Objet d'examen

STEEL BARS K945 (AISI 1045)  
K 945/ E.M.S 45

Umfang der Lieferung/Volume of delivery/Liste descriptive

01 DIA. 20.00 MM  
02 DIA. 60.00 MM

| Gewicht kg<br>Weight lbs<br>Poids kg | Schmelze<br>Heat No.<br>No. de soude | Prüf-Nr<br>Test No.<br>Epreuve |
|--------------------------------------|--------------------------------------|--------------------------------|
| 2039.00                              | 7204927A                             |                                |
| 1224.00                              | 7102084                              |                                |

**SERTIFIKAT INI HANYA BERLAKU  
UNTUK DO NO: 1926 - 12/5/10**

**PT. BHINNEKA BAJANAS**

**PT. BHINNEKA BAJANAS**

Chemische Zusammensetzung/Chemical Composition/Composition chimique (%)

| Schmelze<br>Heat No.<br>No. de soude | C   | SI  | MN  | P    | S    | CR  | Ni  | Mo | V | Al | Cu  |
|--------------------------------------|-----|-----|-----|------|------|-----|-----|----|---|----|-----|
| 7204927A                             | .46 | .22 | .65 | .010 | .008 | .12 | .01 |    |   |    | .02 |
| 7102084                              | .45 | .24 | .68 | .011 | .007 | .05 | .01 |    |   |    | .02 |

Chemische Zusammensetzung/Chemical Composition/Composition chimique (%)

| Prüf-Nr<br>Test No.<br>Epreuve | Hardt/<br>Brinell | Tensile Strength<br>(Rm) N/mm <sup>2</sup> | Yield Strength<br>(Rp 0.2) N/mm <sup>2</sup> | Elongation<br>% | Reduction<br>% |
|--------------------------------|-------------------|--------------------------------------------|----------------------------------------------|-----------------|----------------|
| 01                             | 230               | 705                                        | 390                                          | 24              | 40.0           |
| 03                             | 229               | 600                                        | 355                                          | 16              | 40.0           |



## LAMPIRAN 5

Mitutoyo Surftest SJ-301

DATE 2010-06-01  
TIME 13:11:36STAND JIS2001  
PROFILE R  
FILTER GAUSS  
EVA-L 4.0mm  
N 5  
 $\lambda c$  0.8mm  
 $\lambda s$  2.5 $\mu$ m  
TILT-COMP. ALL  
M-SPEED 0.5mm/s  
RANGE AUTO  
PRE/POST ESC  
DRIVE ON  
STAND

## R-PROFILE

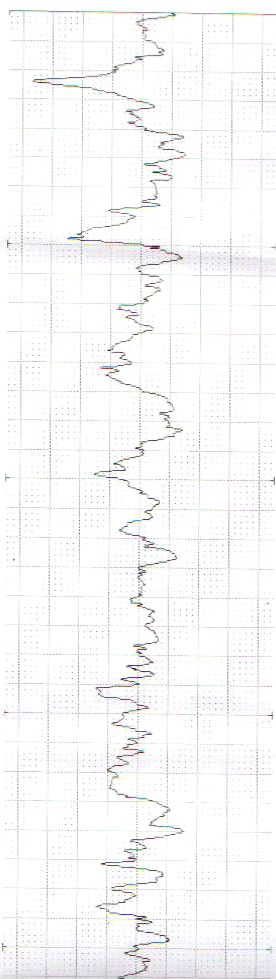
EVA-L 4.0mm  
 $\lambda c$  0.8mmX5Ra 2.85 $\mu$ m  
Rz 16.72 $\mu$ m  
Rq 3.59 $\mu$ m

## R-PROFILE

EVA-L 4.0mm  
 $\lambda c$  0.8mmX5

→ × 1K

× 50

Ver. 10.0 $\mu$ m/cm  
Hor. 200.0 $\mu$ m/cm

Mitutoyo Surftest SJ-301

DATE 2010-06-01  
TIME 13:08:48STAND JIS2001  
PROFILE R  
FILTER GAUSS  
EVA-L 4.0mm  
N 5  
 $\lambda c$  0.8mm  
 $\lambda s$  2.5 $\mu$ m  
TILT-COMP. ALL  
M-SPEED 0.5mm/s  
RANGE AUTO  
PRE/POST ESC  
DRIVE ON  
STAND

## R-PROFILE

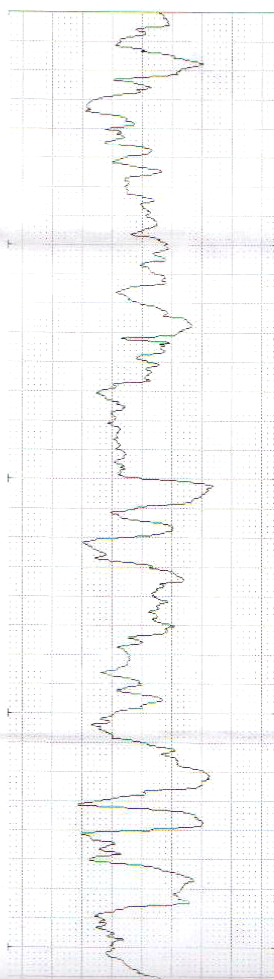
EVA-L 4.0mm  
 $\lambda c$  0.8mmX5Ra 3.76 $\mu$ m  
Rz 18.14 $\mu$ m  
Rq 4.41 $\mu$ m

## R-PROFILE

EVA-L 4.0mm  
 $\lambda c$  0.8mmX5

→ × 1K

× 50

Ver. 10.0 $\mu$ m/cm  
Hor. 200.0 $\mu$ m/cm

Mitutoyo Surftest SJ-301

DATE 2010-06-01  
TIME 13:07:21STAND JIS2001  
PROFILE R  
FILTER GAUSS  
EVA-L 4.0mm  
N 5  
 $\lambda c$  0.8mm  
 $\lambda s$  2.5 $\mu$ m  
TILT-COMP. ALL  
M-SPEED 0.5mm/s  
RANGE AUTO  
PRE/POST ESC  
DRIVE ON  
STAND

## R-PROFILE

EVA-L 4.0mm  
 $\lambda c$  0.8mmX5Ra 4.23 $\mu$ m  
Rz 20.72 $\mu$ m  
Rq 5.10 $\mu$ m

## R-PROFILE

EVA-L 4.0mm  
 $\lambda c$  0.8mmX5

→ × 1K

× 50

Ver. 10.0 $\mu$ m/cm  
Hor. 200.0 $\mu$ m/cm