

Abnahmeprüfzeugnis 3.1

nach DIN EN 10204

Blau-Metall

Am Morgenberg 1a, DE-07819 Triptis

Tel.: +49(0)36482/32403

Blau-Metall

Ihr Partner für Analysensiebe

Fertigungsnummer: ---	Rahmendurchmesser: 200 mm	Rahmenmaterial: Edelstahl
Kunden-Siebnummer: --	Webart: Leinwand	Drahtgewebe: Edelstahl
Nennmaschenweite w : 500 μm	Nenndrahtdurchmesser d : 315 μm	
Toleranzen der Maschenweite: $\pm Y = 16,2$ $+X = 80,0$ $\sigma_0 = 24,21$	nach ASTM E11-17	
Vorzugsmaß Drahtdurchmesser: 315	Zulässiger Auswahlbereich: 270-360 μm	
Gemessene Maschen in Kettrichtung: 91	Gefordert in Norm: 60	INSP
Gemessene Maschen in Schussrichtung: 95	Gefordert in Norm: 60	INSP

Bereich	Kette		Schuss	
	Anzahl	Prozent	Anzahl	Prozent
$n_i < (w-Y)$	0	0,0	0	0,0
$(w-Y) \leq n_i \leq (w+Y)$	63	69,2	69	72,6
$(w+Y) \leq n_i \leq (w+X)$	28	30,8	26	27,4
$n_i > (w+Z)$	0	0,0	0	0,0
$n_i > (w+X)$	0	0,0	0	0,0

Klasse	Kette		Schuss	
	Anzahl	Prozent	Anzahl	Prozent
422,0	0	0,0	0	0,0
428,0	0	0,0	0	0,0
434,0	0	0,0	0	0,0
440,0	0	0,0	0	0,0
446,0	0	0,0	0	0,0
452,0	0	0,0	0	0,0
458,0	0	0,0	0	0,0
464,0	0	0,0	0	0,0
470,0	0	0,0	0	0,0
476,0	0	0,0	0	0,0
482,0	0	0,0	0	0,0
488,0	2	2,2	0	0,0
494,0	6	6,6	0	0,0
500,0	19	20,9	2	2,1
506,0	14	15,4	7	7,4
512,0	12	13,2	31	32,6
518,0	14	15,4	36	37,9
524,0	14	15,4	14	14,7
530,0	7	7,7	5	5,3
536,0	3	3,3	0	0,0
542,0	0	0,0	0	0,0
548,0	0	0,0	0	0,0
554,0	0	0,0	0	0,0
560,0	0	0,0	0	0,0
566,0	0	0,0	0	0,0
572,0	0	0,0	0	0,0
578,0	0	0,0	0	0,0
584,0	0	0,0	0	0,0
590,0	0	0,0	0	0,0
596,0	0	0,0	0	0,0
Σ	91	100,0	95	100,0

Maschenweite	Kette	Schuss
Mittelwert $\bar{w}$	509,64	513,79
Abweichung $ \pm Y $	9,64	13,79
Max w	536,00	529,00
Standardabweichung σ_s	11,948	6,156
K-Faktor	1,192	1,188
Drahtdurchmesser	Kette	Schuss
Gemessen	75	61
Mittelwert $\bar{d}$	309,48	305,84
Abweichung $\Delta \bar{d}$	5,52	9,16

ASTM Konform

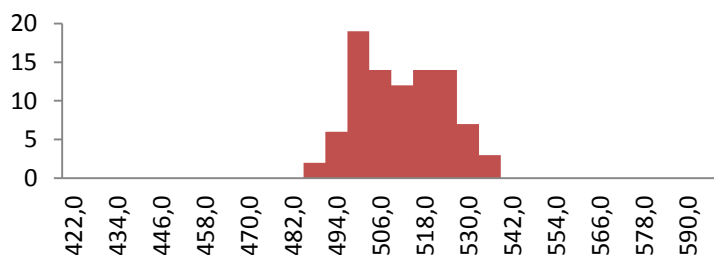
JA

JA

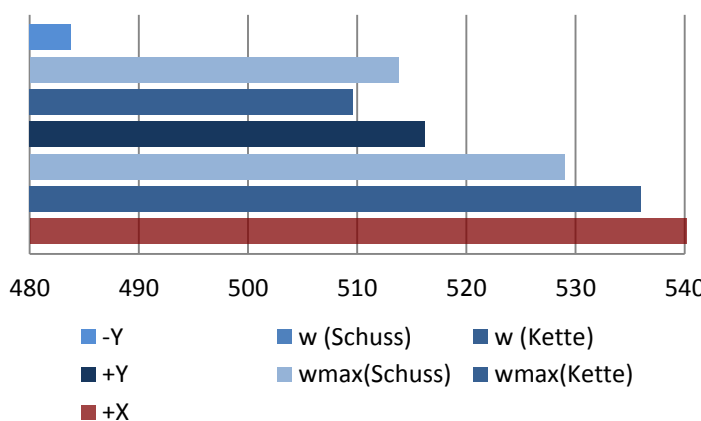
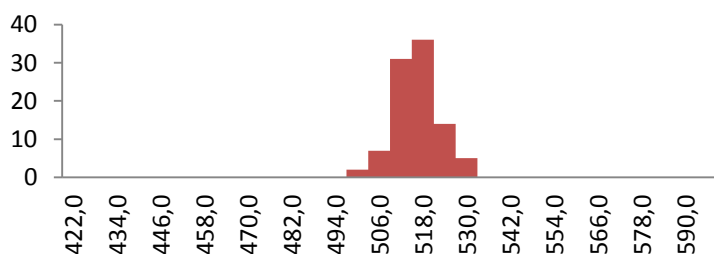
Dieses Analysensieb entspricht

ASTM E11 - 17

KETTE



SCHUSS



Prüfer: Patrick Blau

Datum: 11.10.2019

Prüfmittel: Keyence IM-7000 Series

Wir bestätigen, dass das eingesetzte Messmittel kalibriert ist.

ABNAHMEPRÜFZEUGNIS 3.1 (Fortsetzung)						Messwerttabellen für					
						Analysensieb nach DIN ISO 3310-1					
Maschenweiten Kette				Maschenweiten Schuss				Drahtdurchmesser			
495,0	509,0			519,0	522,0			Kette			
503,0	526,0			508,0	523,0			310,0	311,0	306,0	311,0
511,0	516,0			513,0	524,0			312,0	307,0	313,0	306,0
523,0	524,0			510,0	520,0			308,0	311,0	309,0	310,0
495,0	505,0			510,0	515,0			317,0	306,0	309,0	309,0
514,0	519,0			515,0	526,0			308,0	311,0	309,0	310,0
510,0	499,0			512,0	513,0			312,0	311,0	316,0	307,0
521,0	536,0			508,0	524,0			311,0	310,0	317,0	312,0
493,0	503,0			511,0	512,0			313,0	307,0	306,0	304,0
517,0	520,0			510,0	525,0			307,0	310,0	307,0	309,0
504,0	502,0			516,0	518,0			314,0	308,0	306,0	304,0
511,0	515,0			513,0	515,0			311,0	308,0	307,0	311,0
503,0	502,0			508,0	511,0			310,0	309,0	310,0	304,0
524,0	526,0			512,0	515,0			306,0	308,0	309,0	
506,0	503,0			509,0	511,0			311,0	306,0	310,0	
526,0	523,0			507,0	514,0			306,0	313,0	307,0	
498,0	487,0			512,0	515,0			314,0	308,0	309,0	
524,0	516,0			508,0	513,0			310,0	314,0	310,0	
498,0	497,0			510,0	516,0			313,0	306,0	309,0	
517,0	521,0			505,0	514,0			309,0	310,0	309,0	
499,0	496,0			512,0	513,0			315,0	306,0	310,0	
525,0	523,0			515,0	519,0			308,0	313,0	308,0	
492,0	502,0			509,0	514,0			Schuss			
524,0	528,0			512,0	516,0			306,0	306,0	313,0	
501,0	500,0			515,0	510,0			306,0	305,0	303,0	
516,0	514,0			509,0	519,0			305,0	311,0	300,0	
498,0	515,0			512,0	513,0			307,0	311,0	301,0	
515,0	508,0			506,0	524,0			312,0	314,0	296,0	
488,0	511,0			510,0	510,0			313,0	308,0	299,0	
516,0	512,0			511,0	519,0			306,0	307,0	296,0	
504,0	512,0			514,0	513,0			307,0	308,0	296,0	
517,0	512,0			510,0	517,0			309,0	307,0	297,0	
490,0	506,0			515,0	512,0			312,0	303,0	300,0	
524,0	500,0			514,0	520,0			307,0	308,0	305,0	
501,0	498,0			513,0	506,0			307,0	308,0	300,0	
518,0	507,0			510,0	528,0			308,0	304,0	300,0	
490,0	511,0			513,0	497,0			310,0	306,0	299,0	
514,0	496,0			517,0	524,0			310,0	300,0	304,0	
500,0	512,0			518,0	501,0			312,0	306,0	301,0	
532,0	494,0			514,0	529,0			312,0	303,0	304,0	
490,0	500,0			516,0	505,0			311,0	314,0	306,0	
522,0				508,0	511,0			310,0	301,0	305,0	
497,0				513,0	504,0			310,0	305,0		
529,0				517,0	518,0			311,0	305,0		
500,0				496,0	505,0			Mittelwerte			
525,0				525,0				Kette			
498,0				515,0				309,5			
535,0				517,0				Schuss			
499,0				523,0				305,8			
519,0				522,0				SIEBNUMMER			
Anzahl:	91			Anzahl:	95						
Mittelwert $\bar{w}$	509,6			Mittelwert $\bar{w}$	513,8						
Max w :	536,0			Max w :	529,0			-- -- --			