

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=3.6$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aW}=18.0$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=49.0$
 $L^*_{taN}=31.1$, $L^*_{taU}=0.0$, $L^*_{taW}=44.5$, $Y_{taN}=5.1$, $Y_{taU}=18.0$, $Y_{taW}=108.0$, $C_{taY}=Y_{taW}:Y_{taN}=21.0$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_7 = 56$, $g^*_8 = 49$ $g^*_9 = 97$, $g^*_9 = 89$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe				
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{ta}	ΔL^*_{ta}	L* _{tr}	Y _{ta}	(L* _{tr}) ^{1/1.27}	L* _{la}	ΔL^*_{la}	L* _{la}	ΔL^*_{la}
50	9	48.4	1.0	126.0	1.0	44.5	11.7	1.0	108.0	1.0	44.5	9.3		
	8	36.3	0.875	77.4	0.607	32.9	0.846	67.5	0.877	35.2	9.5			
25	7	24.2	0.75	47.6	0.365	21.4	11.4	0.695	42.7	0.751	25.7	9.6		
	6	12.1	0.625	29.3	0.216	10.4	11.0	0.549	27.4	0.624	16.1	9.6		
0	5	0.0	0.5	18.0	0.125	0.0	9.6	0.411	18.0	0.497	6.5	9.5		
	4	-12.0	0.375	11.1	0.069	-9.5	8.5	0.284	12.2	0.372	-2.9	9.2		
-25	3	-24.1	0.25	6.8	0.034	-18.1	7.2	0.171	8.7	0.25	-12.1	8.9		
	2	-36.2	0.125	4.2	0.013	-25.3	5.8	0.076	6.5	0.132	-21.1	10.0		
-50	1	-48.3	0.0	2.6	0.0	-31.1	0.0	0.5	1.0	0.0	-31.1			

$\Delta L^*_{0a}=12.1$ (i=1,2,...,8) Normierung: $Y_{taU}=Y_{0aU} \frac{Y_{0at}+Y_{0ref}}{Y_{0at}+Y_{0ref}}$

egl50-3a

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=0.9$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aW}=18.0$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=49.0$
 $L^*_{taN}=42.0$, $L^*_{taU}=0.0$, $L^*_{taW}=47.3$, $Y_{taN}=3.3$, $Y_{taU}=18.0$, $Y_{taW}=120.8$, $C_{taY}=Y_{taW}:Y_{taN}=36.6$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_7 = 82$, $g^*_8 = 79$ $g^*_9 = 98$, $g^*_9 = 97$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe				
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{ta}	ΔL^*_{ta}	L* _{tr}	Y _{ta}	(L* _{tr}) ^{1/1.08}	L* _{la}	ΔL^*_{la}	L* _{la}	ΔL^*_{la}
50	9	48.4	1.0	126.0	1.0	47.3	12.0	1.0	120.8	1.0	47.3	11.1		
	8	36.3	0.875	77.4	0.607	35.3	11.9	0.866	74.6	0.876	36.2	11.2		
25	7	24.2	0.75	47.6	0.365	23.4	11.9	0.733	46.2	0.751	25.0	11.2		
	6	12.1	0.625	29.3	0.216	11.6	11.8	0.601	28.7	0.625	13.8	11.3		
0	5	0.0	0.5	18.0	0.125	0.0	11.4	0.471	18.0	0.499	2.5	11.2		
	4	-12.0	0.375	11.1	0.069	-11.3	10.9	0.344	11.4	0.373	-8.6	11.1		
-25	3	-24.1	0.25	6.8	0.034	-22.2	10.3	0.221	7.3	0.249	-19.8	11.0		
	2	-36.2	0.125	4.2	0.013	-32.6	9.5	0.106	4.8	0.126	-30.8	11.3		
-50	1	-48.3	0.0	2.6	0.0	-42.0	0.0	0.3	0.0	0.0	-42.0			

$\Delta L^*_{0a}=12.1$ (i=1,2,...,8) Normierung: $Y_{taU}=Y_{0aU} \frac{Y_{0at}+Y_{0ref}}{Y_{0at}+Y_{0ref}}$

egl51-3a

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=1.8$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=49.0$
 $L^*_{taN}=37.5$, $L^*_{taU}=0.0$, $L^*_{taW}=46.3$, $Y_{taN}=4.0$, $Y_{taU}=18.0$, $Y_{taW}=116.2$, $C_{taY}=Y_{taW}:Y_{taN}=29.2$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_7 = 71$, $g^*_8 = 65$ $g^*_9 = 98$, $g^*_9 = 94$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe				
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{ta}	ΔL^*_{ta}	L* _{tr}	Y _{ta}	(L* _{tr}) ^{1/1.15}	L* _{la}	ΔL^*_{la}	L* _{la}	ΔL^*_{la}
50	9	48.4	1.0	126.0	1.0	46.3	11.9	1.0	116.2	1.0	46.3	10.4		
	8	36.3	0.875	77.4	0.607	34.5	11.7	0.858	72.0	0.876	36.0	10.5		
25	7	24.2	0.75	47.6	0.365	22.7	11.5	0.718	44.9	0.751	25.5	10.6		
	6	12.1	0.625	29.3	0.216	11.2	11.2	0.581	28.2	0.625	14.9	10.6		
0	5	0.0	0.5	18.0	0.125	0.0	10.7	0.447	18.0	0.499	4.3	10.5		
	4	-12.0	0.375	11.1	0.069	-10.6	10.0	0.32	11.7	0.373	-6.2	10.4		
-25	3	-24.1	0.25	6.8	0.034	-20.6	9.0	0.2	7.8	0.249	-16.6	10.1		
	2	-36.2	0.125	4.2	0.013	-29.7	7.8	0.093	5.4	0.128	-26.7	10.7		
-50	1	-48.3	0.0	2.6	0.0	-37.5	0.0	0.0	4.0	0.0	-37.5			

$\Delta L^*_{0a}=12.1$ (i=1,2,...,8) Normierung: $Y_{taU}=Y_{0aU} \frac{Y_{0at}+Y_{0ref}}{Y_{0at}+Y_{0ref}}$

egl50-7a

9stufige Grauskalierung zwischen $L^*_{0aN}=48.3$ und $L^*_{0aW}=48.3$, $Y_{0ref}=126.0$, Normierung Grau U

$L^*_{0aN}=48.3$, $L^*_{0at}=0.0$, $L^*_{0aW}=48.4$, $Y_{0aN}=2.6$, $Y_{0aW}=126.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=49.0$
 $L^*_{taN}=2.7$, $L^*_{taU}=0.0$, $L^*_{taW}=13.9$, $Y_{taN}=16.1$, $Y_{taU}=18.0$, $Y_{taW}=31.5$, $C_{taY}=Y_{taW}:Y_{taN}=2.0$

Reguläritätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen
 $g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBJNDI} = 40 / \log(5) [\log (Y/Ya)]$ mit $Y_0=18$
 $g^*_5 = 100$, $g^*_6 = 100$ $g^*_7 = 8$, $g^*_8 = 5$ $g^*_9 = 67$, $g^*_9 = 49$

L* _{TUBJNDI}	n0.i	angestrebte Ausgabe				reale Ausgabe				linearisierte Ausgabe				
		L* _{0a}	L* _{0r}	Y _{0a}	Y _{0r}	L* _{ta}	ΔL^*_{ta}	L* _{tr}	Y _{ta}	(L* _{tr}) ^{1/2.39}	L* _{la}	ΔL^*_{la}	L* _{la}	ΔL^*_{la}
50	9	48.4	1.0	126.0	1.0	13.9	5.3	1.0	31.5	1.0	13.9	2.5		
	8	36.3	0.875	77.4	0.607	8.6	3.9	0.682	25.4	0.852	11.4	2.3		
25	7	24.2	0.75	47.6	0.365	4.6	2.8	0.446	21.7	0.713	9.1	2.1		
	6	12.1	0.625	29.3	0.216	1.9	1.9	0.28	19.4	0.587	7.0	1.9		
0	5	0.0	0.5	18.0	0.125	0.0	1.2	0.168	18.0	0.474	5.1	1.7		
	4	-12.0	0.375	11.1	0.069	-1.1	0.8	0.095	17.1	0.373	3.4	1.5		
-25	3	-24.1	0.25	6.8	0.034	-1.9	0.5	0.048	16.6	0.281	1.9	1.5		
	2	-36.2	0.125	4.2	0.013	-2.4	0.3	0.018	16.3	0.188	0.3	1.5		
-50	1	-48.3	0.0	2.6	0.0	-2.7	0.0	0.0	16.1	0.0	-2.7			

$\Delta L^*_{0a}=12.1$ (i=1,2,...,8) Normierung: $Y_{taU}=Y_{0aU} \frac{Y_{0at}+Y_{0ref}}{Y_{0at}+Y_{0ref}}$

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