

$$(\Delta Y/Y) / (\Delta Y/Y)_u$$

HAULAB-Y-Empfindlichkeit
normiert für $(\Delta Y/Y)_u$

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u$$

$$L^* = s(Y/Y_u)^n - d \quad (Y_n=100, Y_u=11, s=134,6, n=0,31, d=19,2) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 79,10, L^*_u = r - d = 59,8) \quad [1b]$$

6

4

2

0

$Y_{curve}, ij=3, Y_{uij}=11, L^*_{uij}=50$

$k=99, Y_{kij}=100, L^*_{kij}=115,3, (\Delta Y/Y) / (\Delta Y/Y)_u = 0,51$

$k=11, Y_{kij}=12, L^*_{kij}=50,4, (\Delta Y/Y) / (\Delta Y/Y)_u = 0,99$

$k=1, Y_{kij}=2, L^*_{kij}=20,7, (\Delta Y/Y) / (\Delta Y/Y)_u = 1,73$

$k=0, Y_{kij}=1, L^*_{kij}=12,9, (\Delta Y/Y) / (\Delta Y/Y)_u = 2,14$

$\phi = 120'$

$L_{aw} = 40 \text{ cd/m}^2$



Anwendungsbereich

2,146

0,969

0,514

$m_{u90-4} = -0,000, f_{90}=0, f_4=0$

$m_u = -0,638$

0,1

1

10

$Y_u=18$

$Y_u=11$

$L^*_{TUB} / L^*_{min}(u), u$

(Y/Y_u)

log Y