



Measuring value curves Fluids / Messwertkurven von Flüssigkeiten

Page / Seite		Page / Seite	
2	➡ Hydrofluoric Acid (HF)	12	➡ ε-Caprolactam (C ₆ H ₁₁ NO)
3	➡ Nitric Acid (HNO ₃)	13	➡ Ethylalcohol (C ₂ H ₆ O)
4	➡ Hydrochloric Acid (HCl)	14	➡ Sugar (C ₁₂ H ₂₂ O ₁₁)
5	➡ Sulfuric Acid (H ₂ SO ₄)	15	➡ Isopropyl Alcohol (C ₃ H ₈ O)
6	➡ Caustic Soda (NaOH)	16	➡ Dimethylacetamide (C ₄ H ₉ NO)
7	➡ Brine (NaCl)	17	➡ Glycerol (C ₃ H ₈ O ₃)
8	➡ Ammonium Nitrate (NH ₄ NO ₃)	18	➡ Triethyleneglycol (C ₆ H ₁₄ O ₄)
9	➡ Urea (CH ₄ N ₂ O)	19	➡ Methanol (CH ₄ O)
10	➡ Ammonia (NH ₃)	20	➡ N-Methyl-Diethanolamine (CH ₃ N-(CH ₂ CH ₂ OH) ₂)
11	➡ Ethylene Glycol (C ₂ H ₆ O ₂)	21	➡ Oleum (SO ₃)

Flusssäure

Hydrofluoric Acid

Acide fluorhydrique

Ácido fluorhídrico

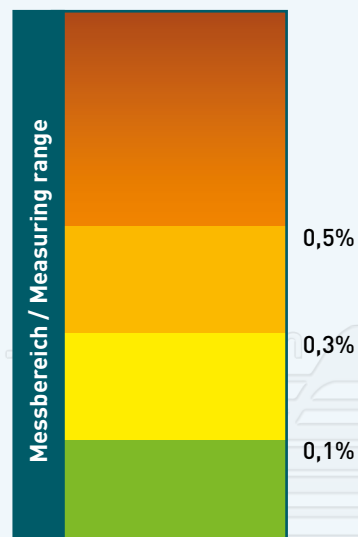
Fluorwaterstofzuur

Acido fluoridrico

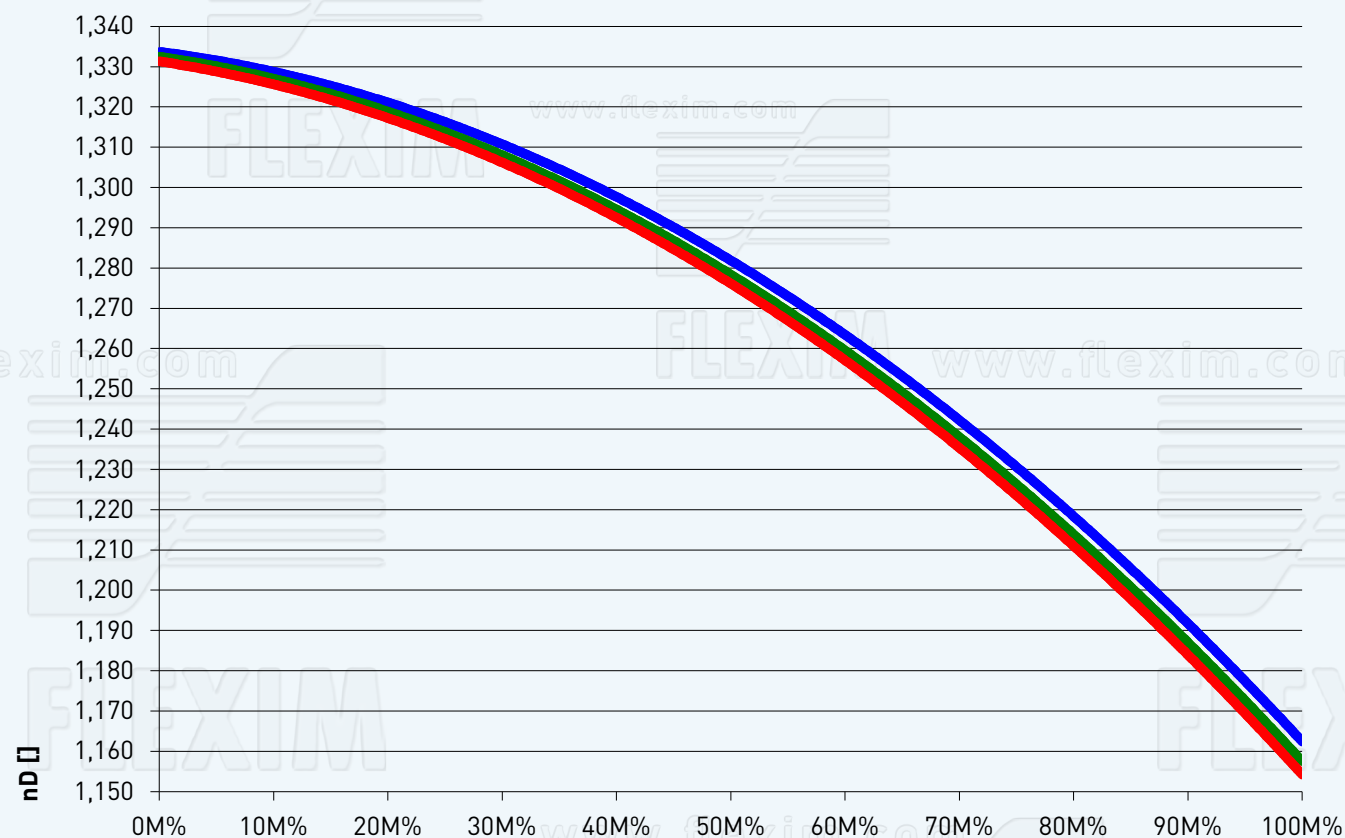
Плавиковая кислота

氢氟酸

Messgenauigkeit /
Accuracy



Hydrofluoric Acid (HF)

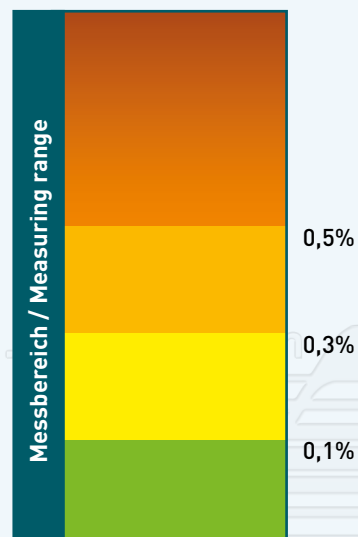


35°C / 95°F

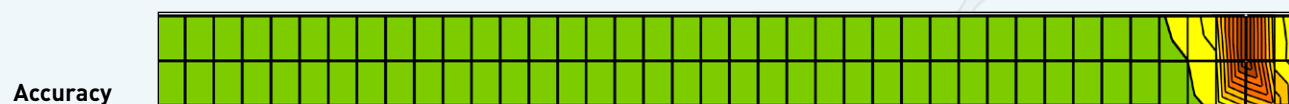
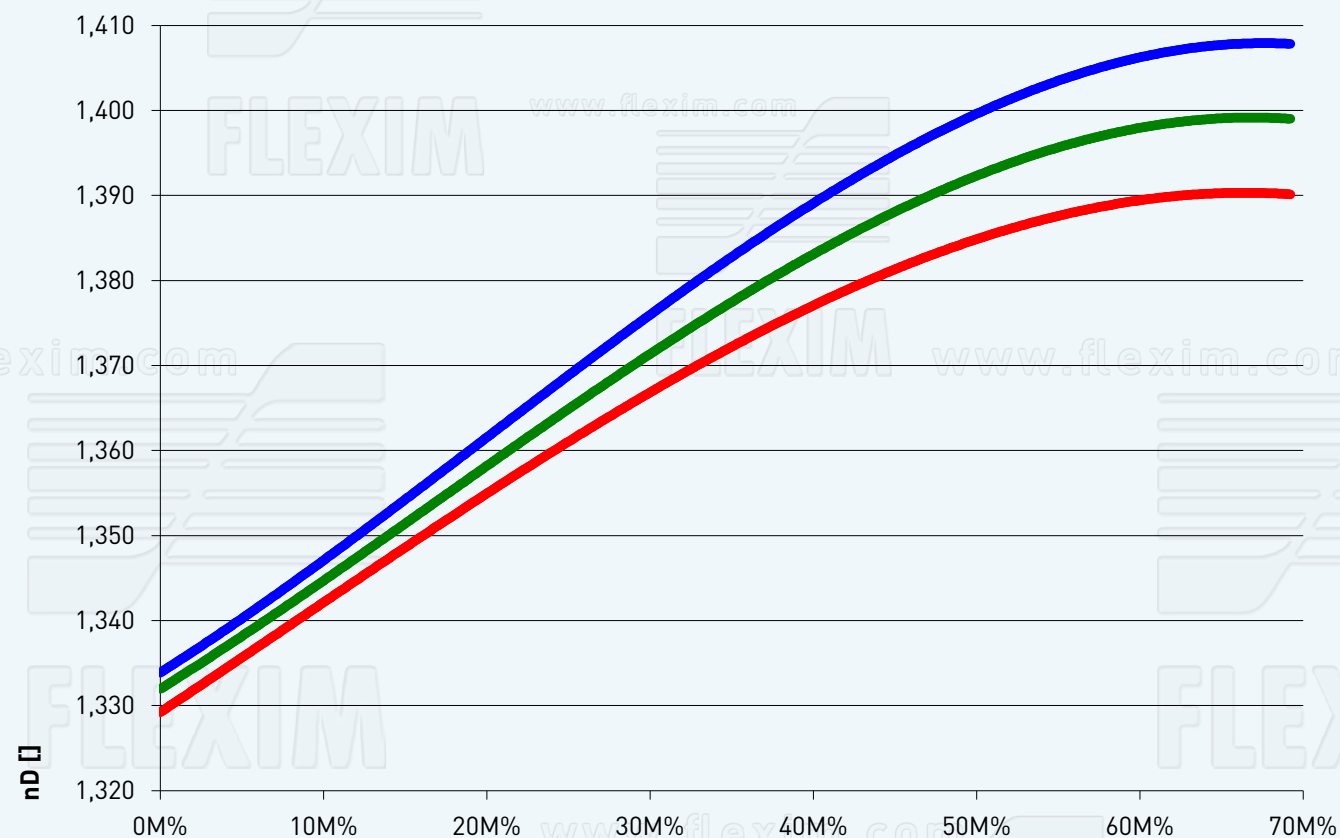
10°C / 50°F

Salpetersäure
Nitric Acid
Acide nitrique
Acido nítrico
Salpeterzuur
Acido nitrico
Азотная кислота
硝酸

Messgenauigkeit /
Accuracy



Nitric Acid (HNO₃)

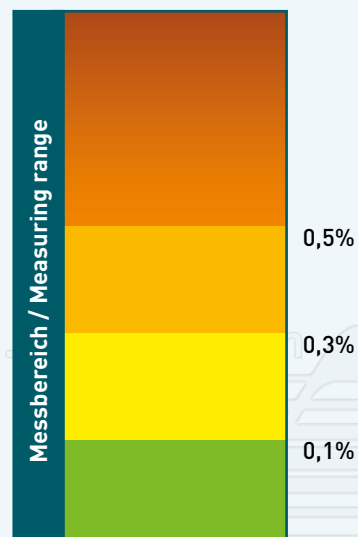


50°C / 122°F

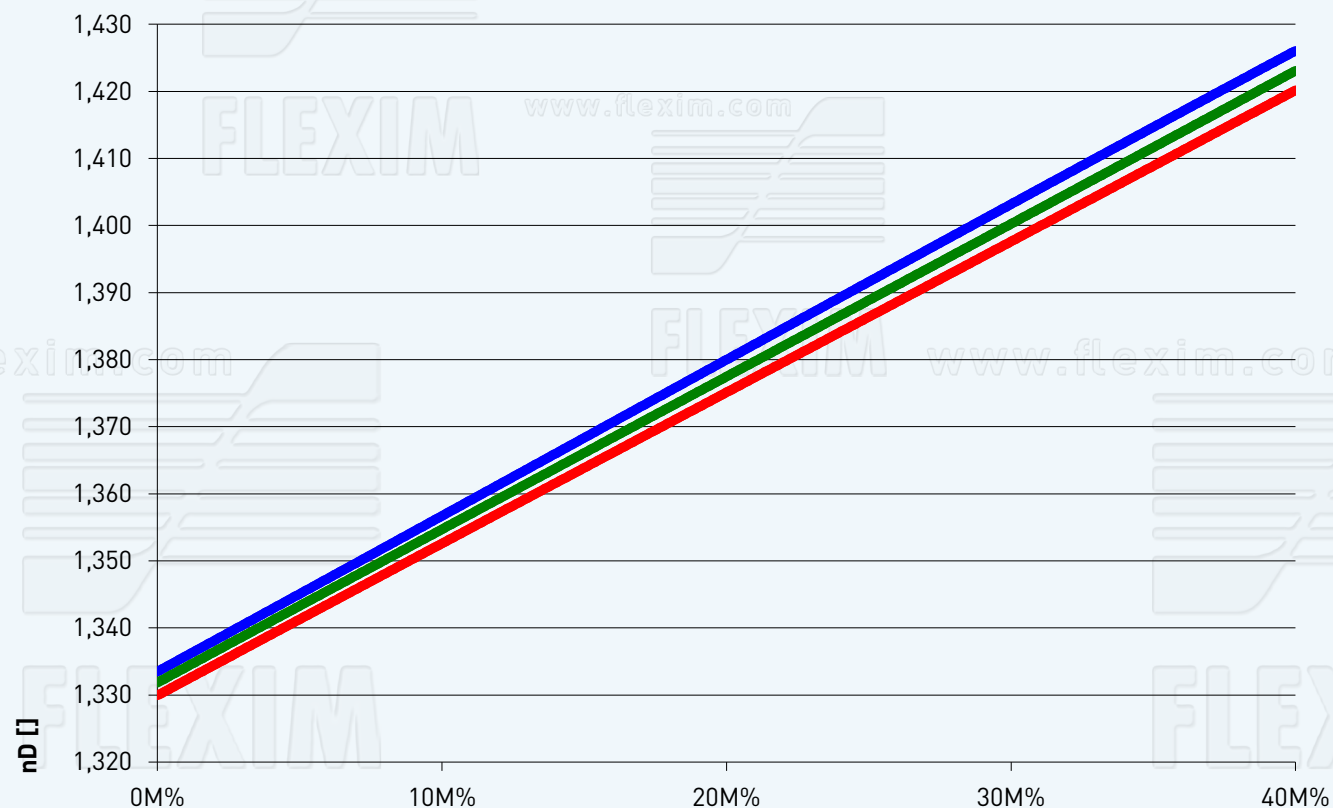
10°C / 50°F

Salzsäure
Hydrochloric Acid
Chlorhydrique
Ácido clorhídrico
Zoutzuur
Acido cloridrico
Соляная кислота
盐酸

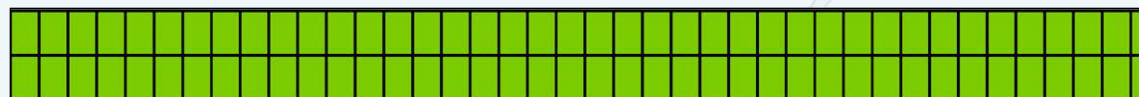
Messgenauigkeit /
Accuracy



Hydrochloric Acid (HCl)



Accuracy

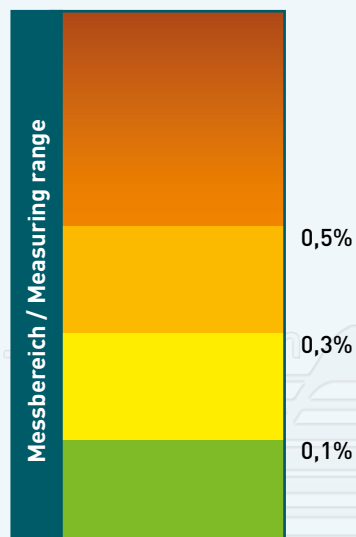


45°C / 113°F

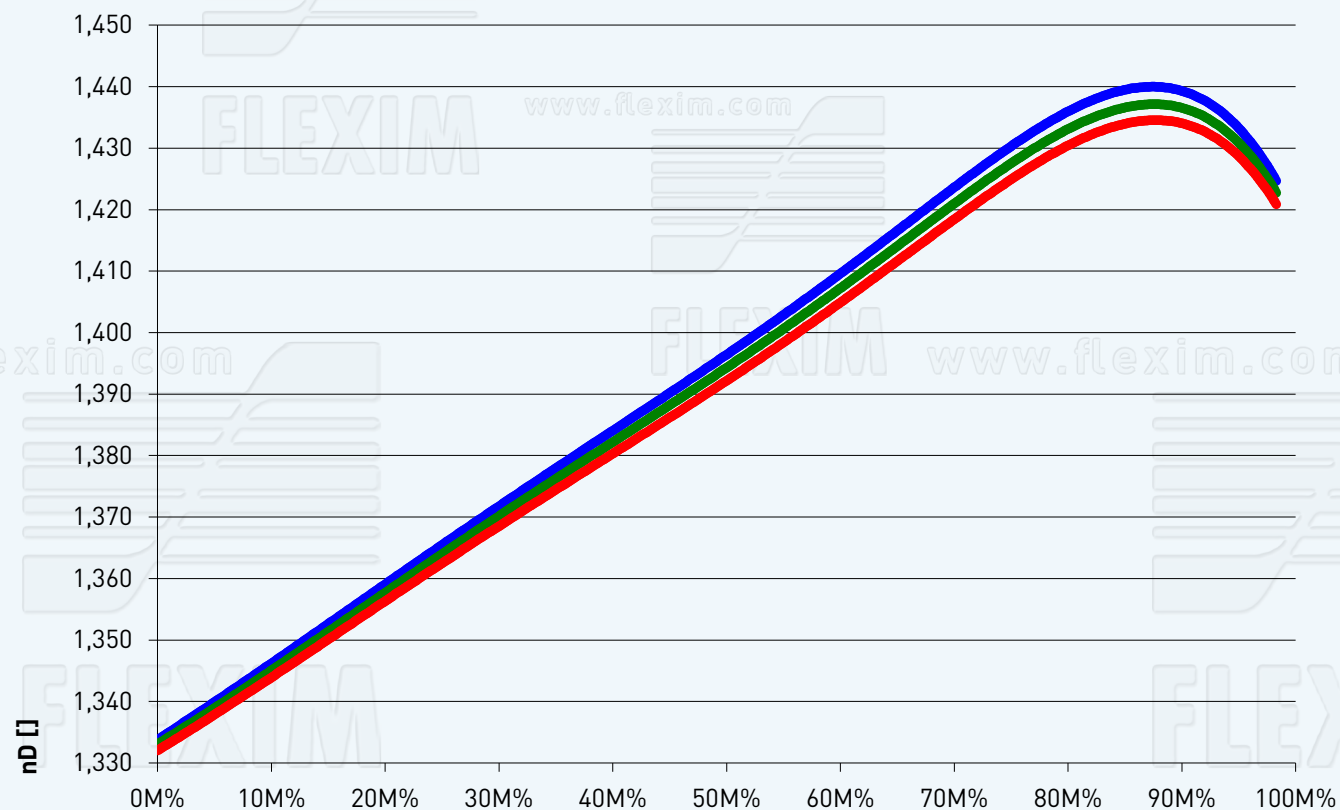
15°C / 59°F

Schwefelsäure
Sulfuric Acid
Acide sulfurique
Ácido sulfúrico
Zwavelzuur
Acido solforico
Серная кислота
硫酸

Messgenauigkeit /
Accuracy



Sulfuric Acid (H₂SO₄)



Accuracy



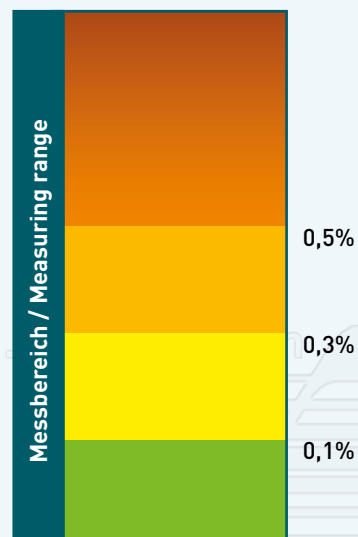
30°C / 86°F

10°C / 50°F

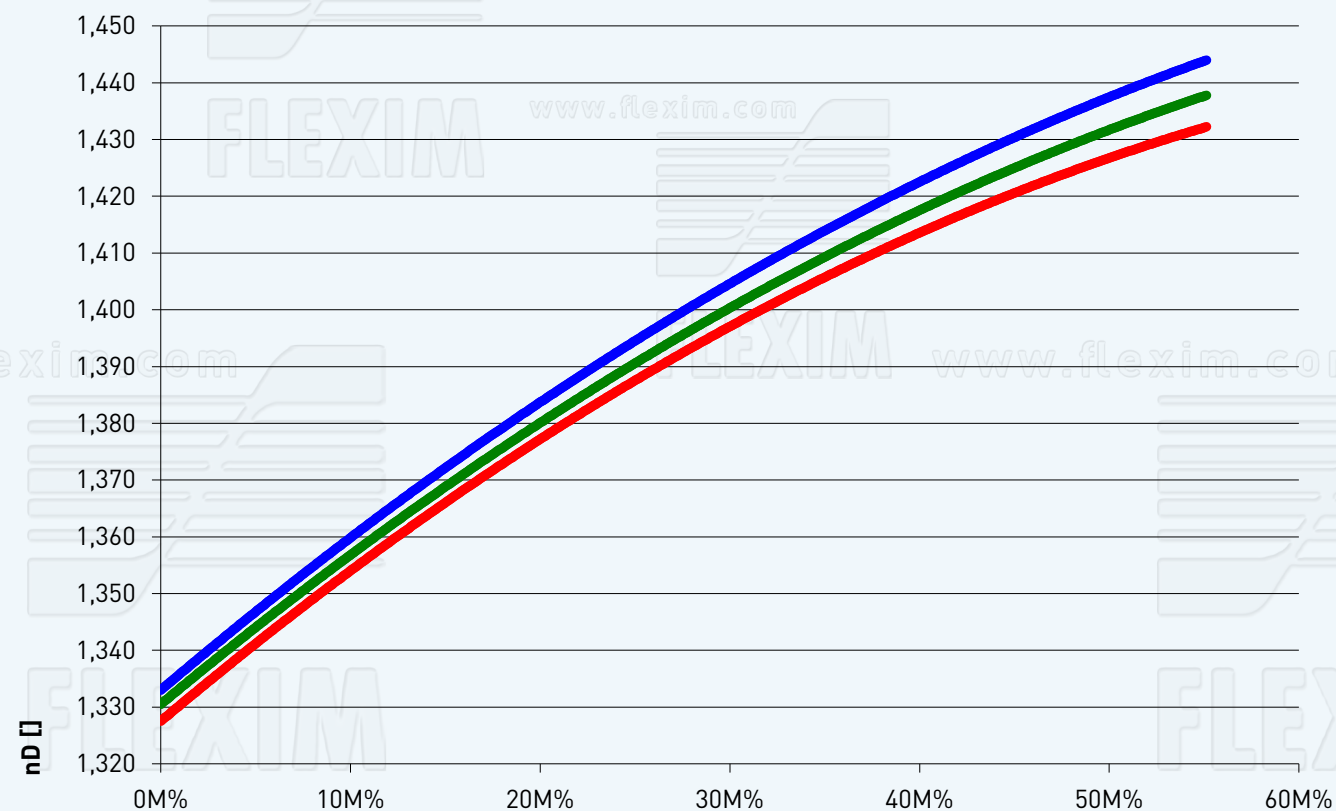
The declared accuracies are guidance values and depend on practical measurement conditions

Natronlauge
Caustic Soda
Soude caustique
Sosa cáustica
Bijtende soda
Soda caustica
Каустическая сода
苛性钠

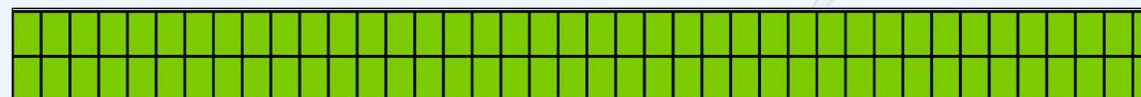
Messgenauigkeit /
Accuracy



Caustic Soda (NaOH)



Accuracy



60°C / 140°F

20°C / 68°F

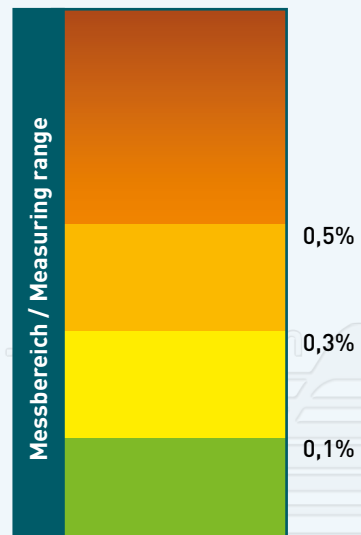
PIOX® Application



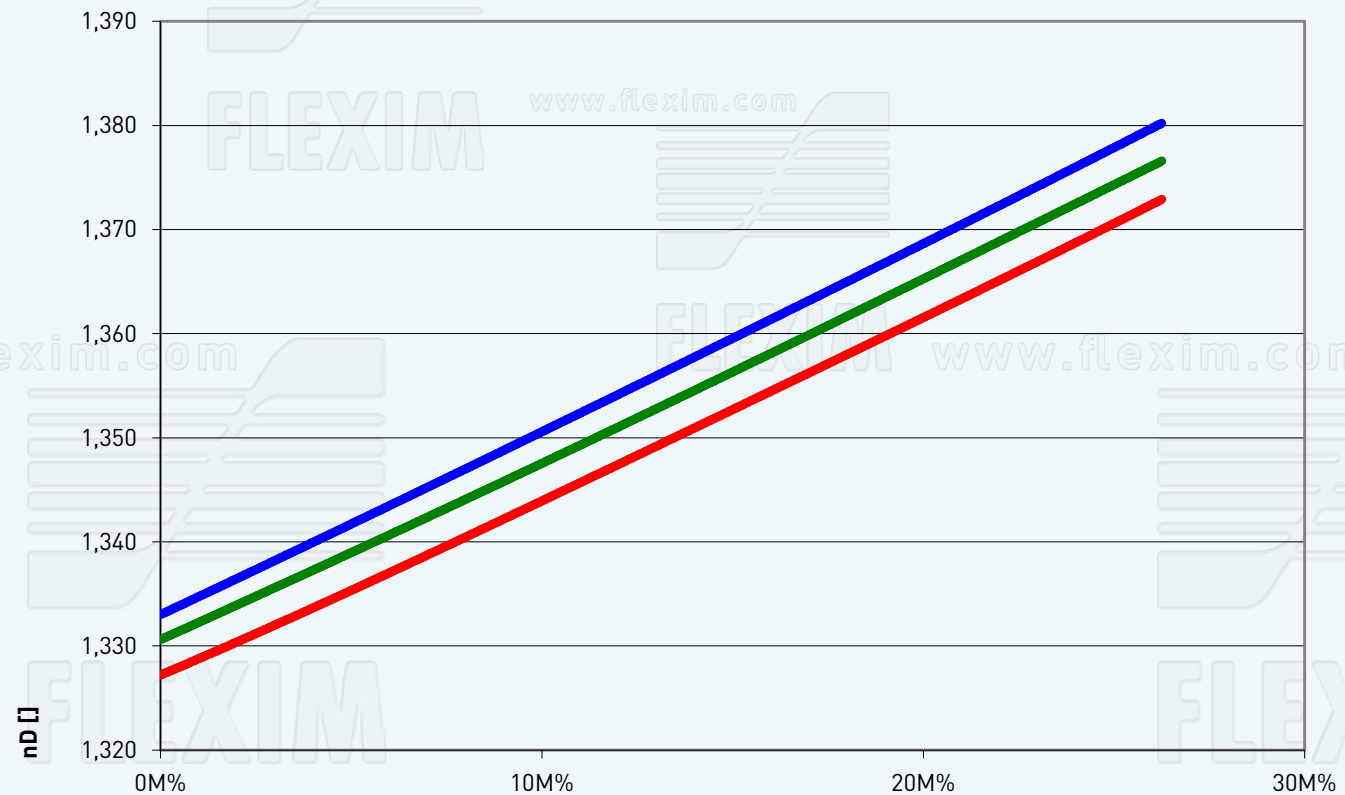
20°C / 68°F
40°C / 104°F
60°C / 140°F

Salz
Brine
Sel
Sal
Zout
Sale
Соль
盐

Messgenauigkeit /
Accuracy



Brine (NaCl)



Accuracy

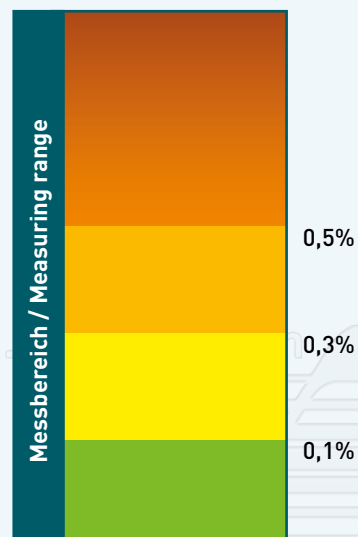


60°C / 140°F

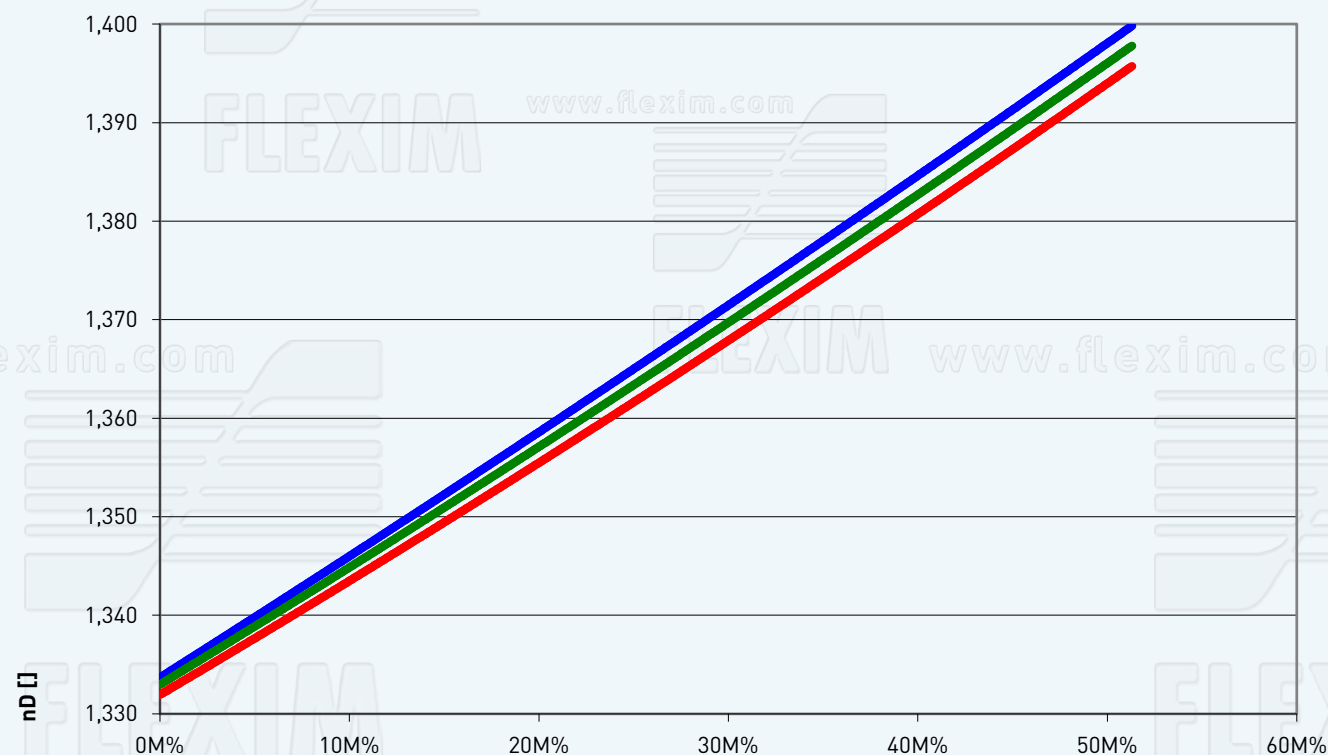
20°C / 68°F

AmmoniumNitrat
Ammonium Nitrate
Nitrate d'ammonium
Nitrato de amonio
Ammoniumnitraat
Nitrato d'ammonio
Аммиачная селитра
硝酸铵

Messgenauigkeit /
Accuracy



Ammonium Nitrate (NH_4NO_3)



Accuracy



30°C / 86°F

10°C / 50°F

Harnstoff

Urea

Urée

Urea

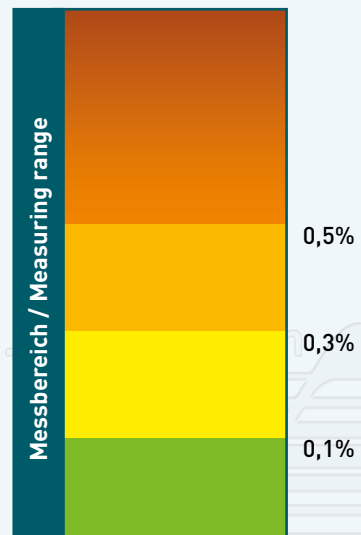
Ureum

Urea

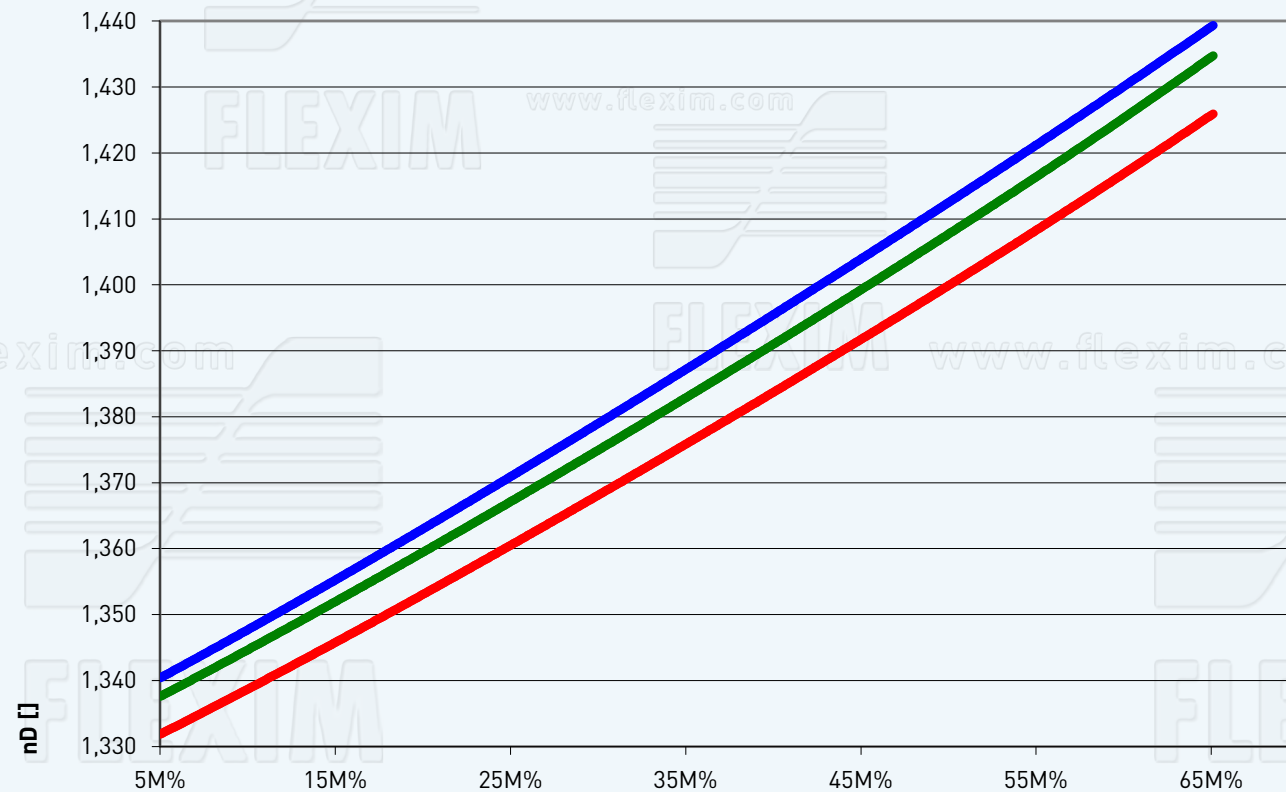
Мочевина

尿素

Messgenauigkeit /
Accuracy



Urea ($\text{CH}_4\text{N}_2\text{O}$)



Accuracy



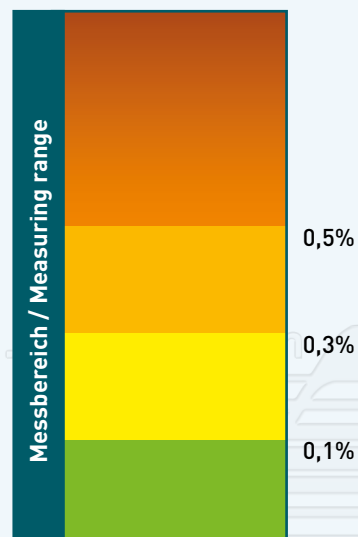
70°C / 158°F

20°C / 68°F

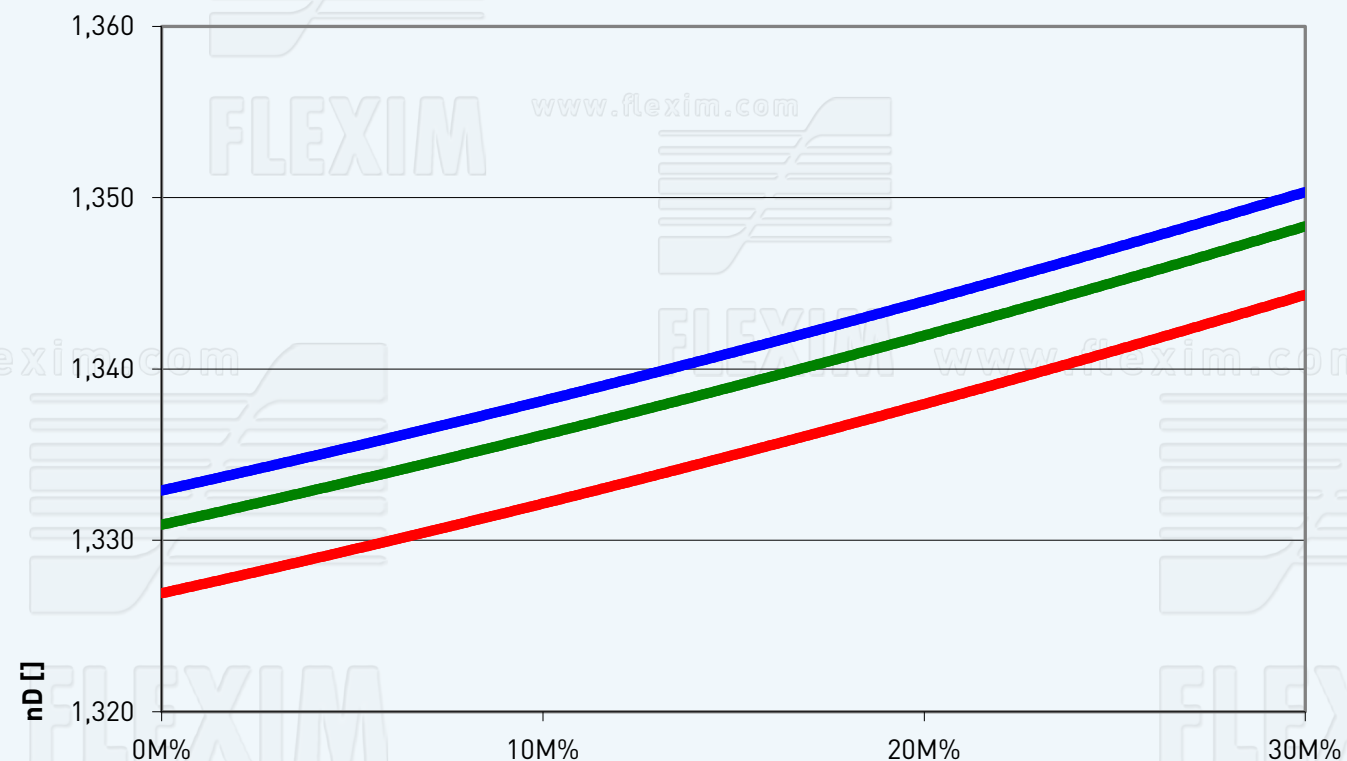
Ammoniak
Ammonia
Ammoniaque
Amoníaco
Ammonia
Ammoniaca
Аммиак

氨

Messgenauigkeit /
Accuracy



Ammonia (NH₃)



Accuracy

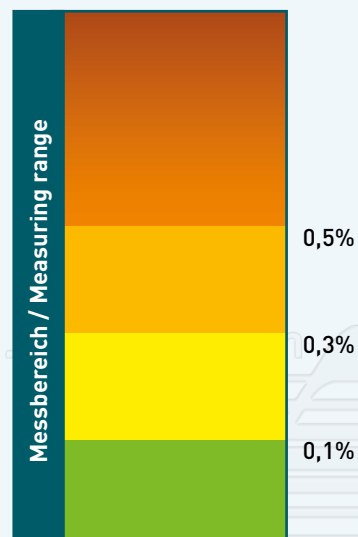


60°C / 140°F

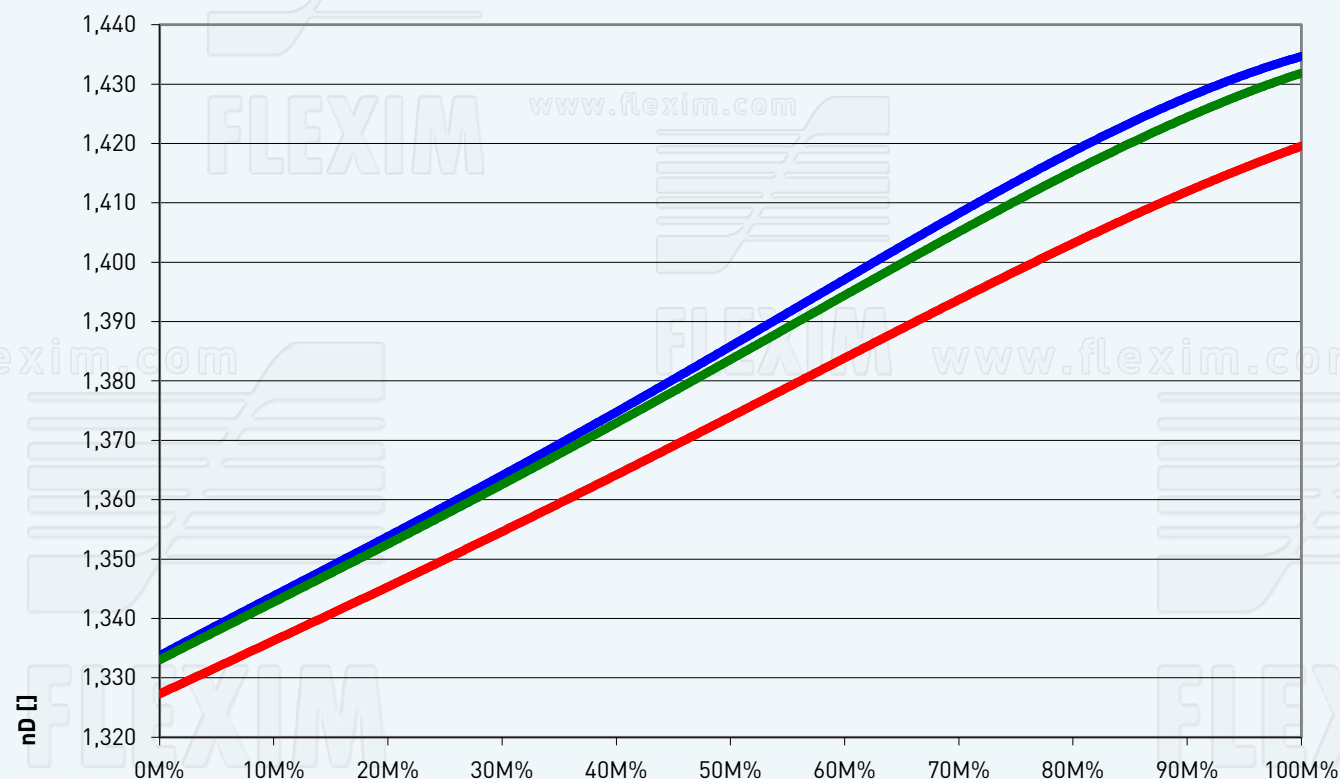
20°C / 68°F

Ethylenglykol
Ethylene Glycol
Ethyléneglycol
Etilenglicol
Ethyleenglycol
Etilenglicole
Этиленгликоль
乙二醇

Messgenauigkeit /
Accuracy



Ethylene Glycol (C₂H₆O₂)



Accuracy

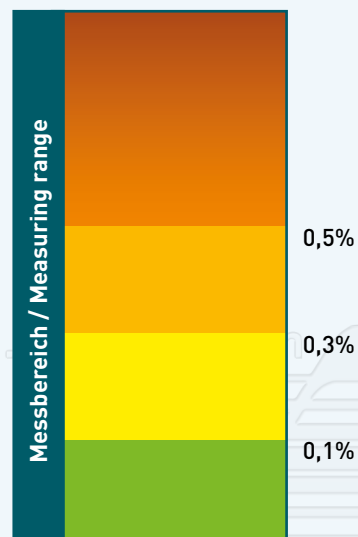


60°C / 140°F

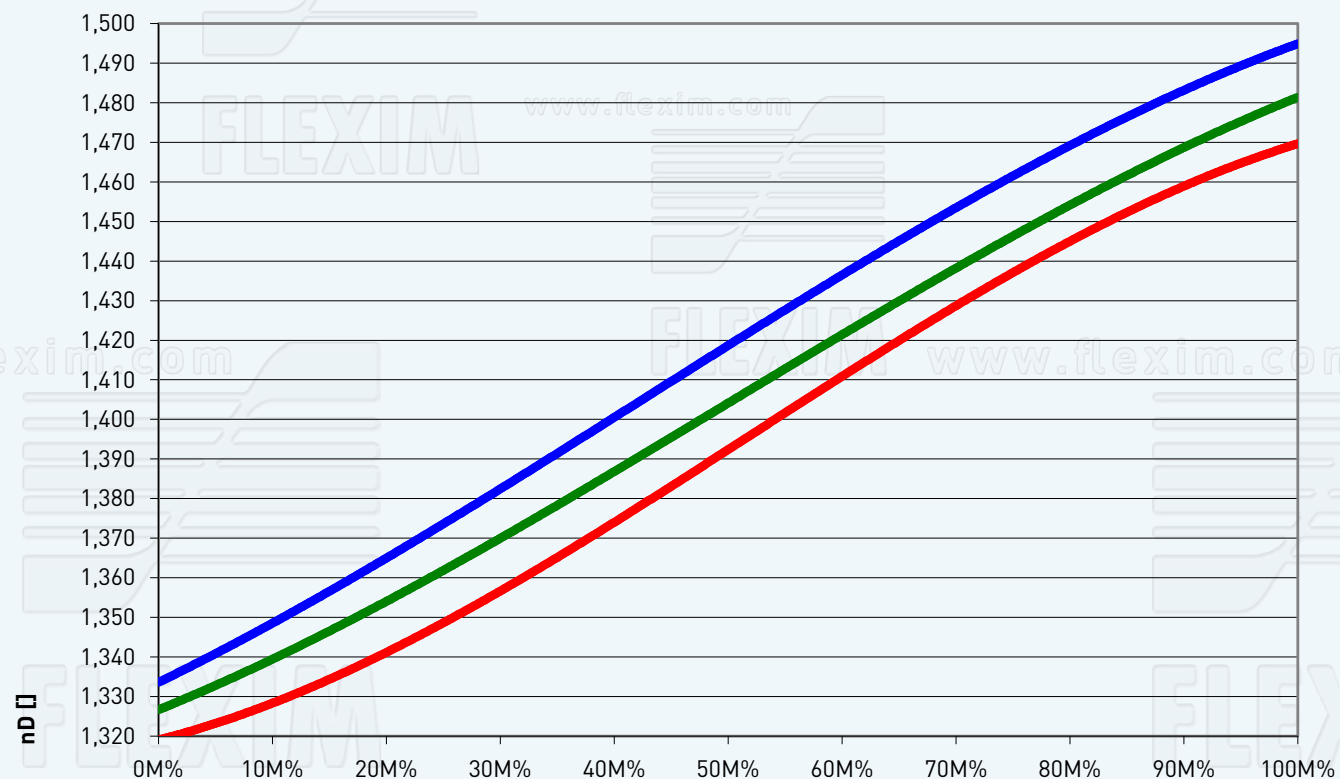
10°C / 50°F

Caprolactam
ε-Caprolactam
ε-Caprolactame
ε-Caprolactama
Caprolactam
ε-Caprolattame
Капролактaм
己内酰胺

Messgenauigkeit /
Accuracy



ε-Caprolactam (C₆H₁₁NO)



Accuracy

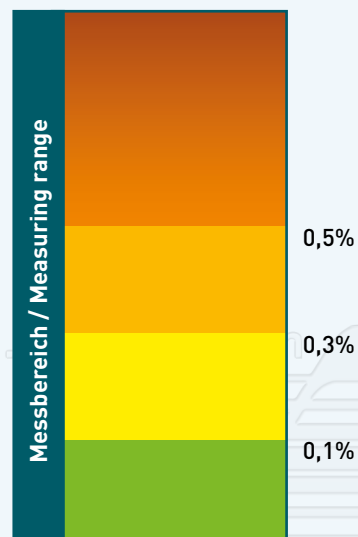


90°C / 194°F

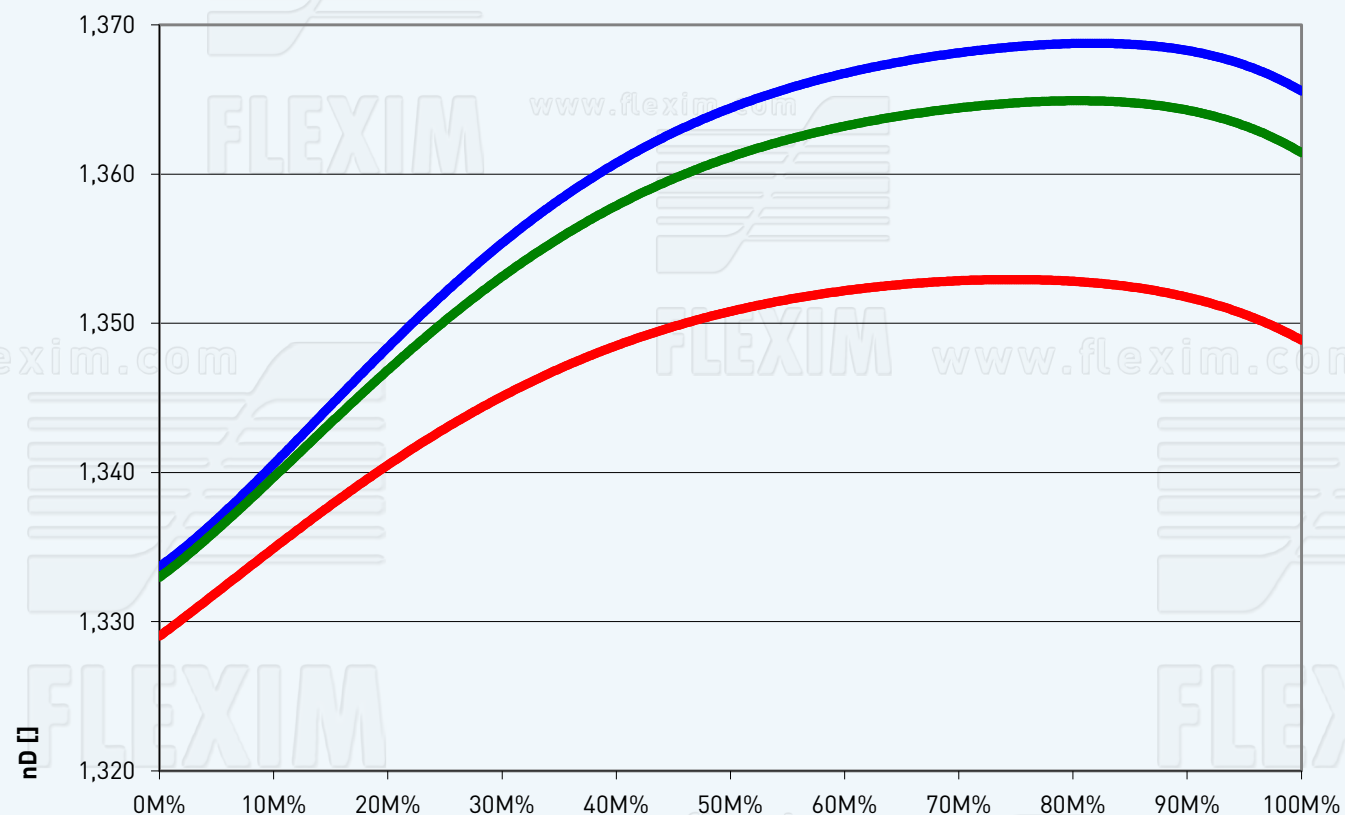
20°C / 68°F

Ethanol
Ethylalcohol
Ethanol
Etanol
Etanol
Etanolo
Этанол
乙醇

Messgenauigkeit /
Accuracy



Ethylalcohol (C₂H₆O)



50°C / 122°F

10°C / 50°F

Brix (Sugar)

Brix

Brix

Brix

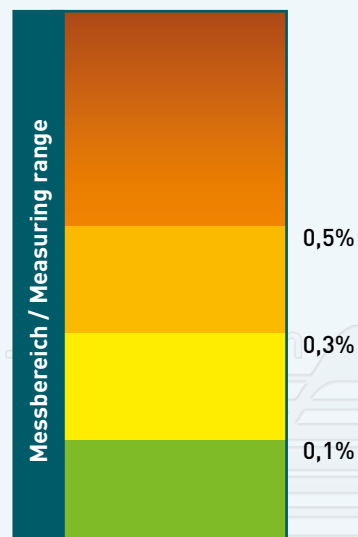
Brix

Brix

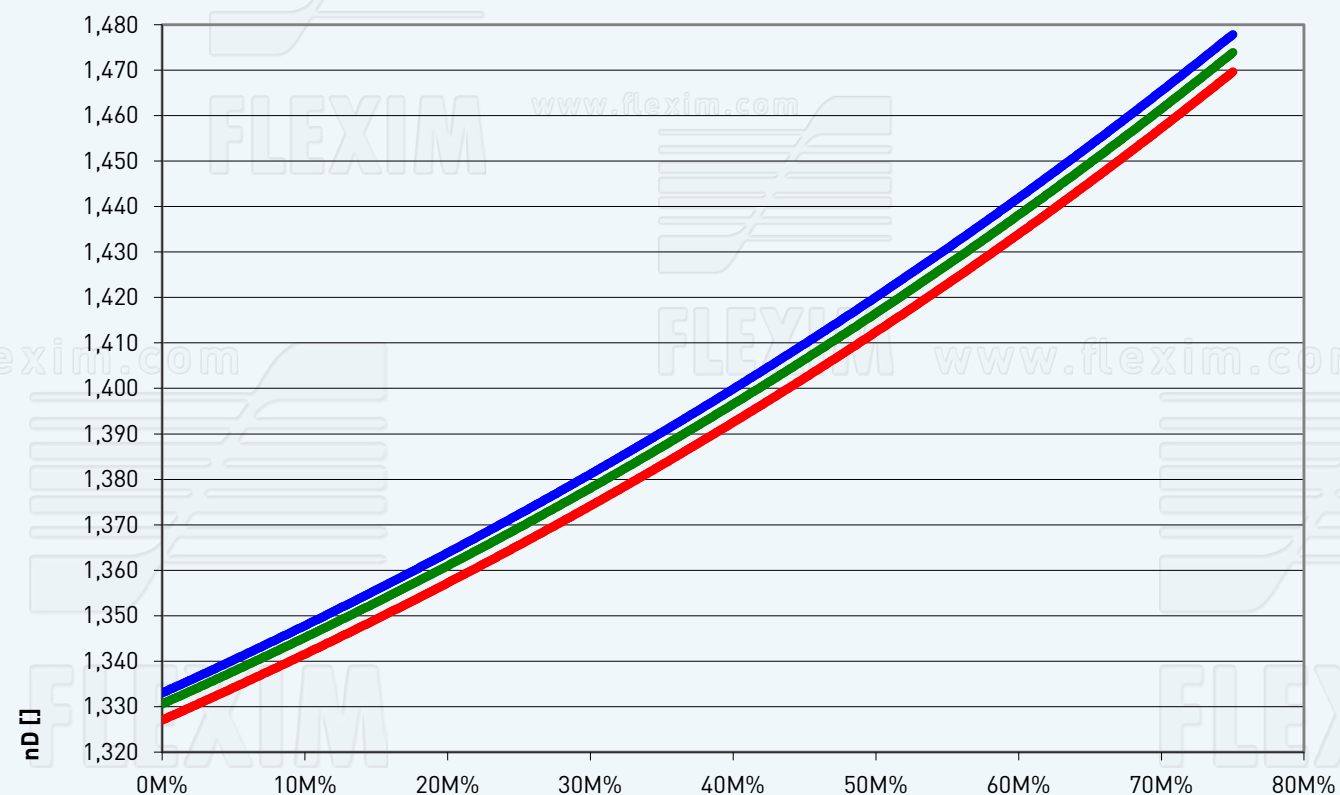
Шкала Брикса

糖度

Messgenauigkeit /
Accuracy



Sugar ($C_{12}H_{22}O_{11}$)



Accuracy

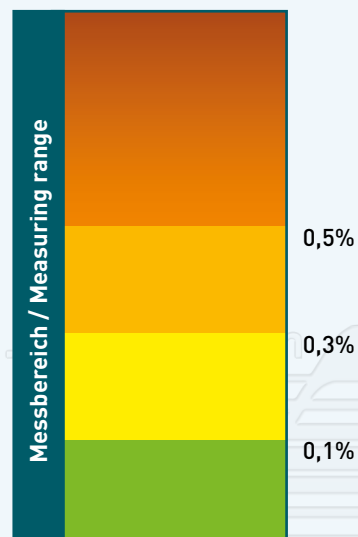


60°C / 140°F

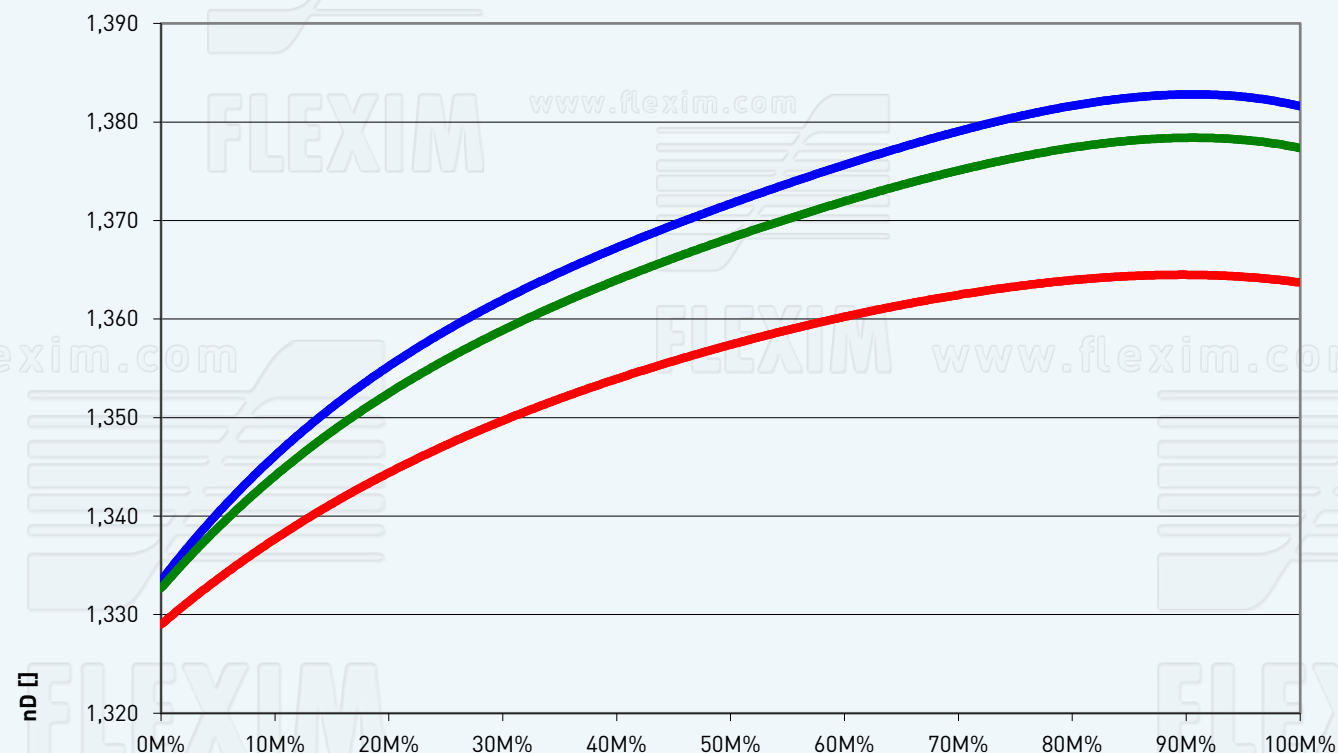
20°C / 68°F

IsoPropylalkohol
Isopropyl Alcohol
Alcool isopropylique
Alcohol isopropílico
Isopropylalcohol
Alcool isopropilico
Изопропиловый спирт
2-丙醇

Messgenauigkeit /
Accuracy



Isopropyl Alcohol (C₃H₈O)



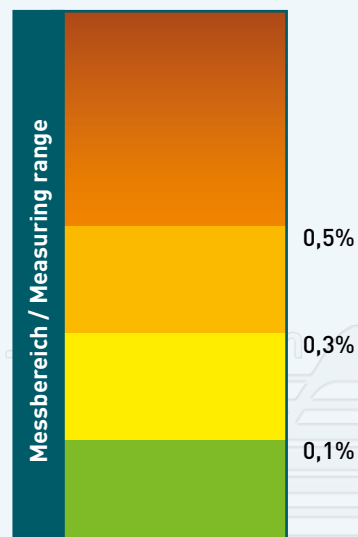
50°C / 122°F

10°C / 50°F

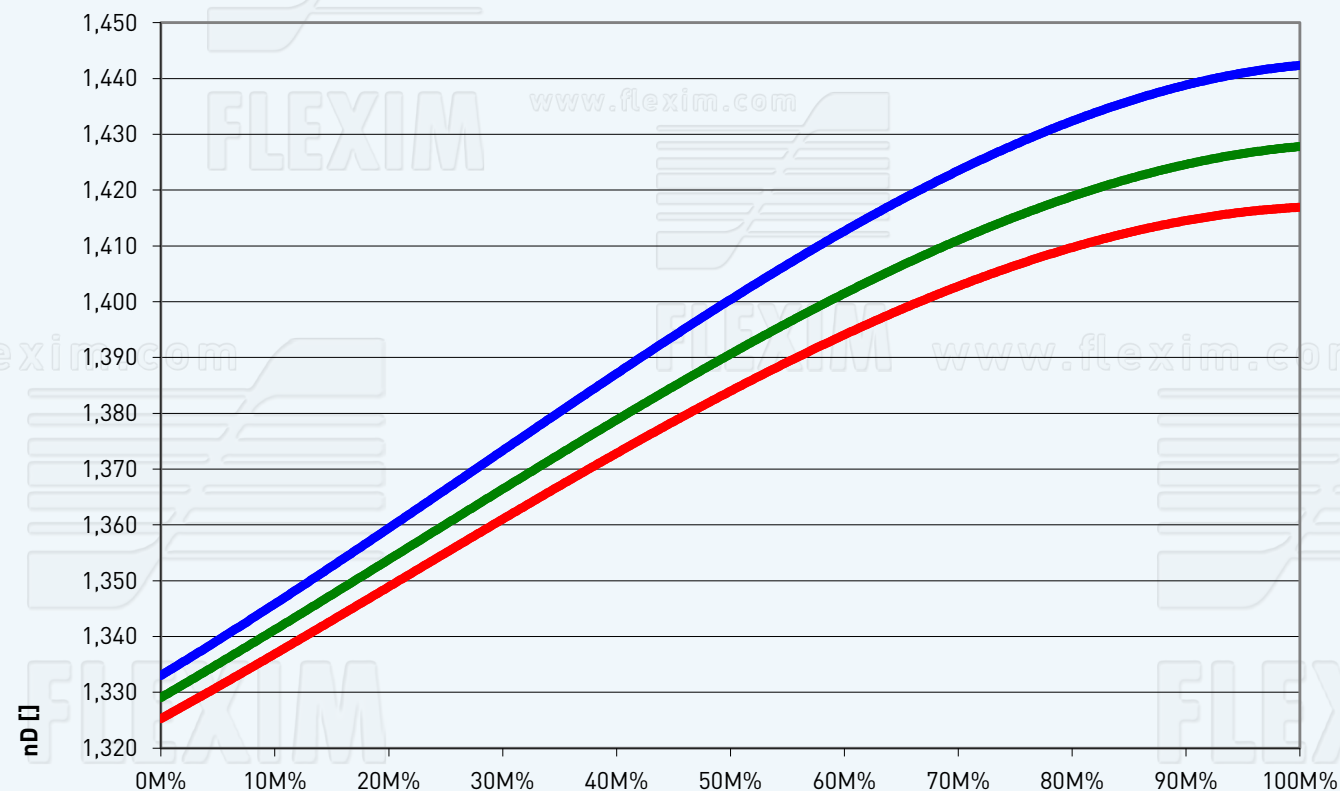
DMAC

Dimethylacetamide
Diméthylacétamide
Dimetilacetamida
Dimethylacetamide
Dimetilacetammide
Диметилацетамид
二甲基乙酰胺

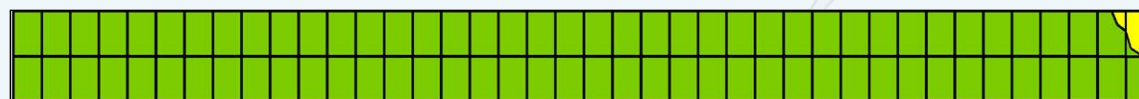
Messgenauigkeit /
Accuracy



Dimethylacetamide (C₄H₉NO)



Accuracy



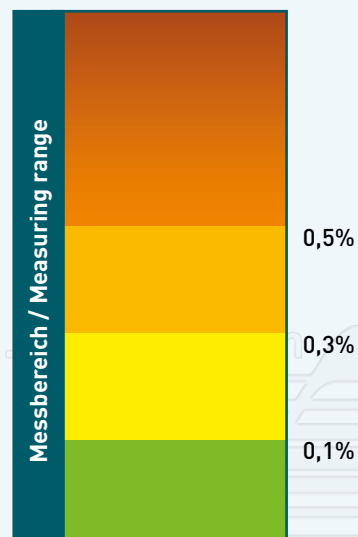
70°C / 134°F

20°C / 68°F

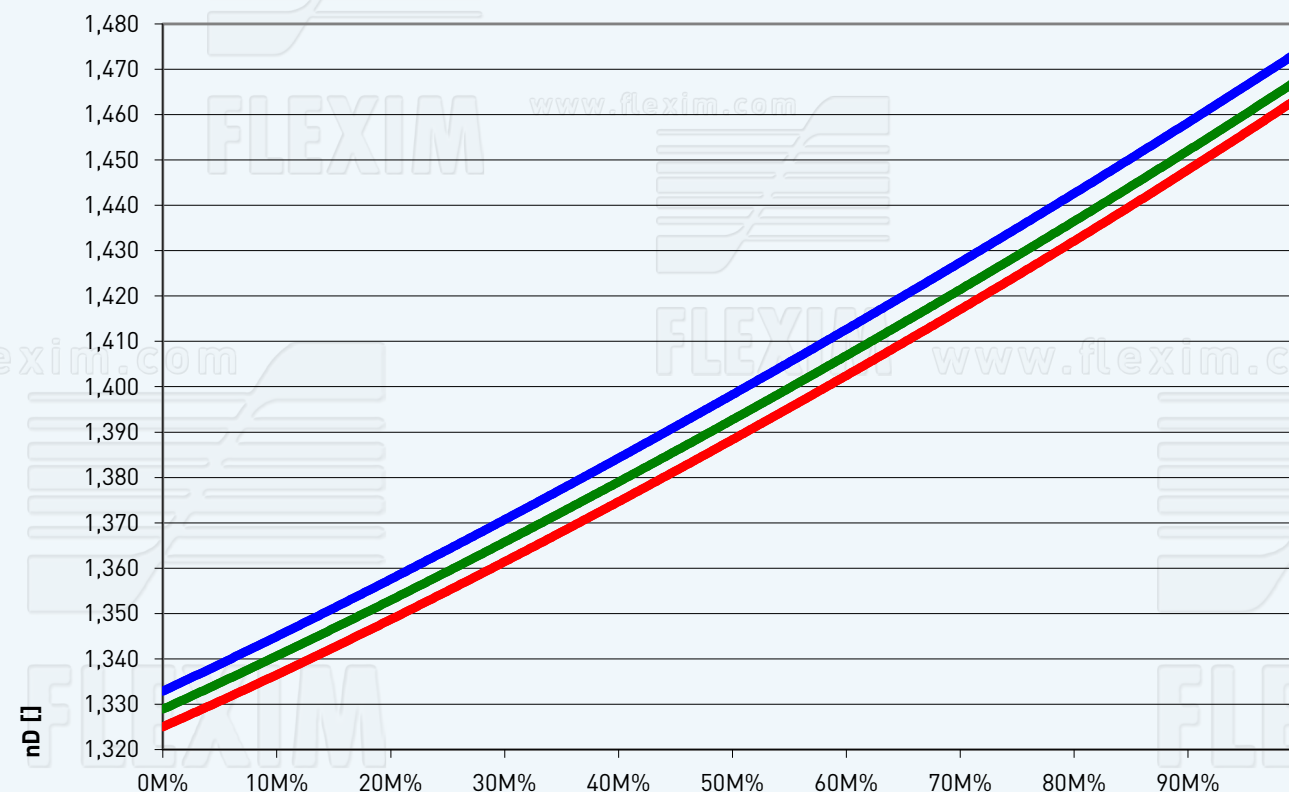
The declared accuracies are guidance values and depend on practical measurement conditions

Glycerin
Glycerol
Glycérol
Glicerol
Glicerolo
Глицерин
甘油

Messgenauigkeit /
Accuracy



Glycerol (C₃H₈O₃)



Accuracy



70°C / 134°F

20°C / 68°F

TEG

Triethyleneglycol

Triéthylène glycol

Trietilenglicol

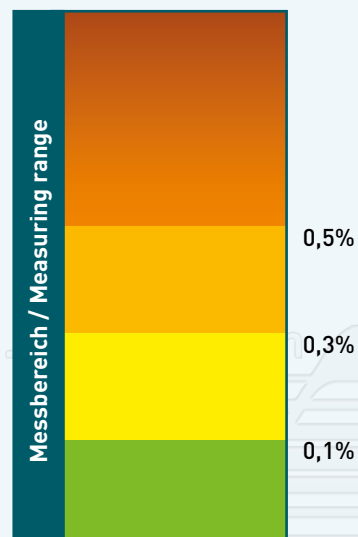
Triethyleenglycol

Glicole trietilenico

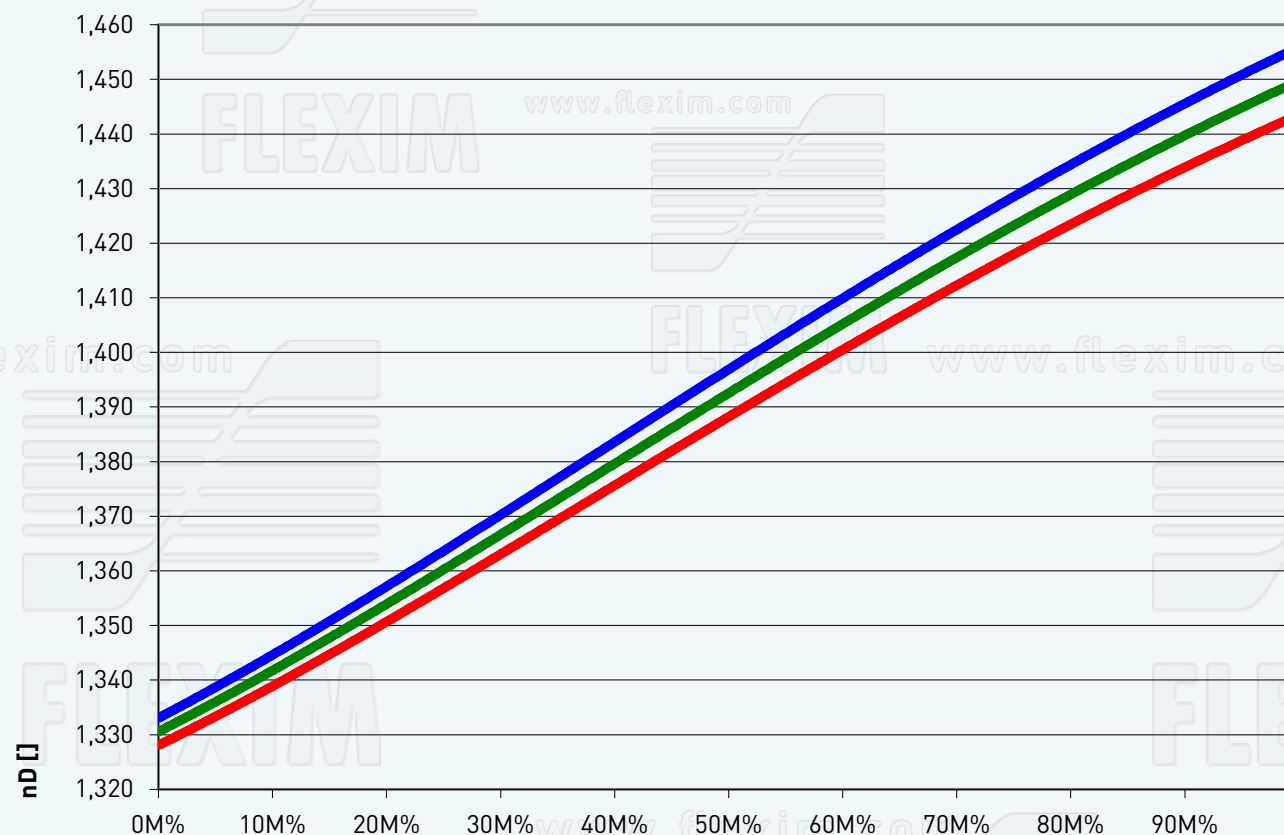
Триэтиленгликоль

三甘醇

Messgenauigkeit /
Accuracy



Triethyleneglycol (C₆H₁₄O₄)



Accuracy

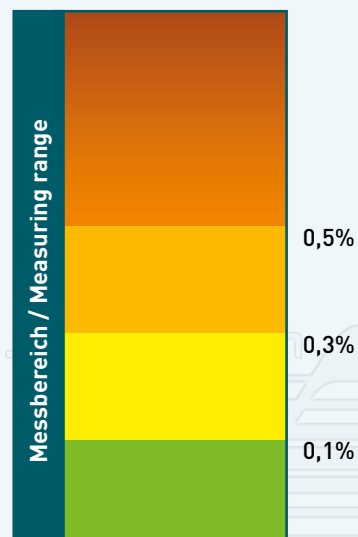


60°C / 140°F

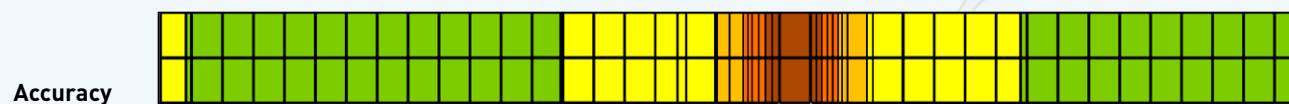
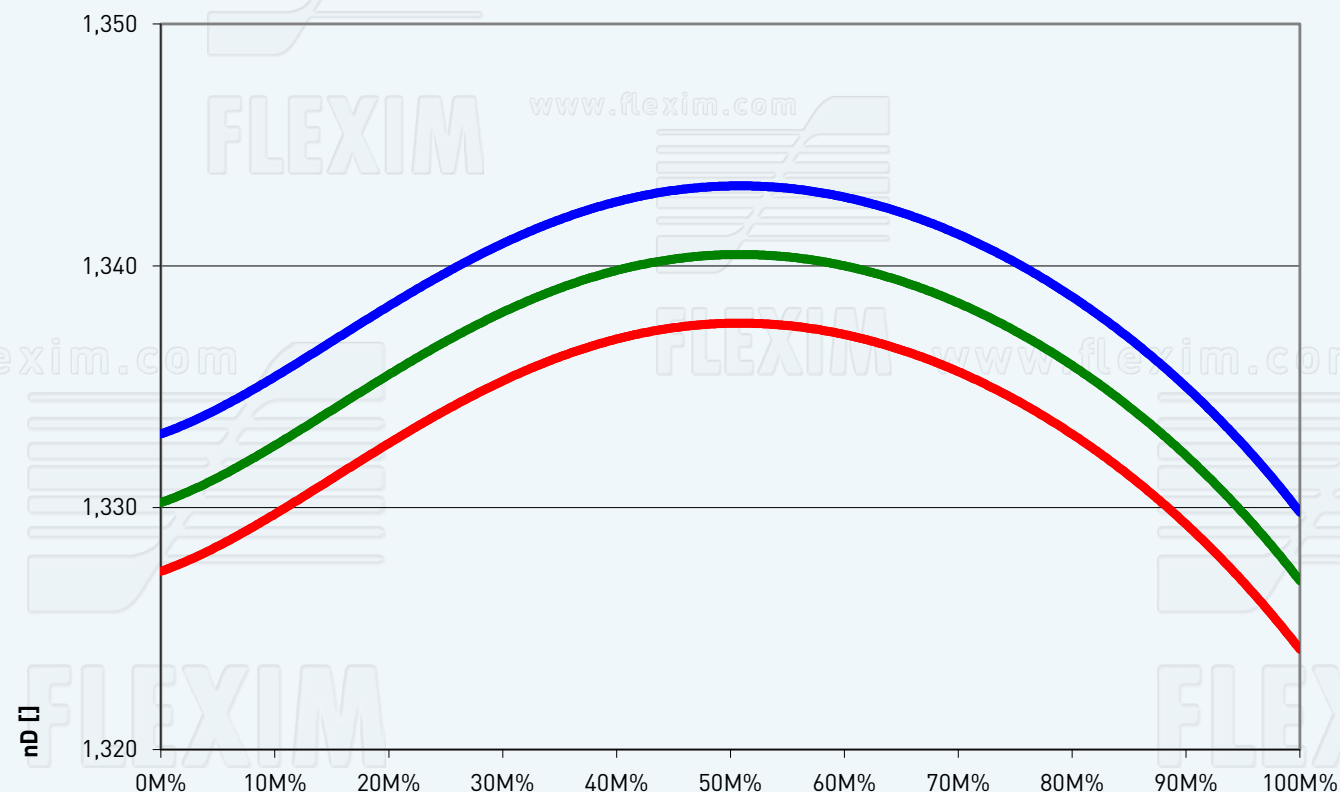
20°C / 68°F

Methanol
Methanol
Alcool methylique
Metanol methanol
Alcool metilico
Метанол
甲醇

Messgenauigkeit /
Accuracy



Methanol (CH₄O)



60°C / 140°F

20°C / 68°F

MDEA

N-Methyl-Diethanolamine

N-méthyl-diéthanolamine

N-metil dietanolamina

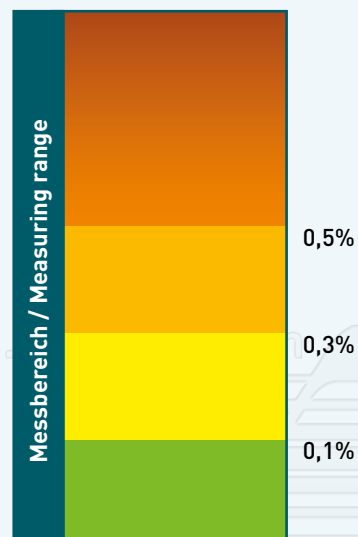
N-methyldiethanolamine

N-metildietanolamina

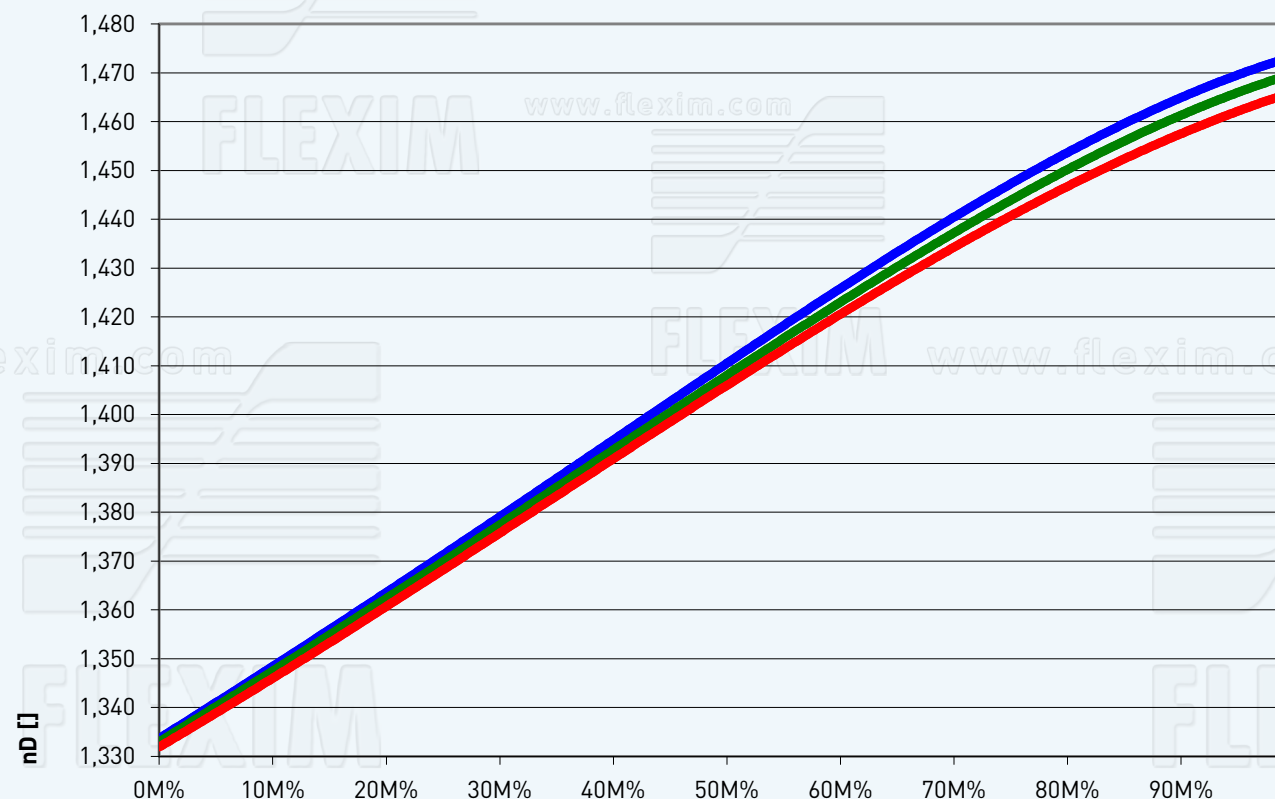
N-метилдиэтаноламин

N-甲基二乙醇胺

Messgenauigkeit /
Accuracy



N-Methyl-Diethanolamine ($\text{CH}_3\text{N}-(\text{CH}_2\text{CH}_2\text{OH})_2$)



Accuracy



30°C / 86°F

10°C / 50°F

PIOX®R Application



20°C / 68°F
40°C / 104°F
60°C / 140°F

Oleum
Oleum
oléum
óleum
oleum
oleum
Олеум
发烟硫酸的

Messgenauigkeit /
Accuracy

