



PE-HD 3000x1500x15 mm luonnollinen

Tuotenro P1200475

1. Tekninen tietolomake

Ominaisuus	Arvo	Yksikkö	Testausstandardi
Tiheys	0.96	g/cm ³	ISO 1183
Imeytymisen maksimointi	0.01	%	ISO 62
Vesihaku kyllästymiseen	0.01	%	ISO 62
Venymisrajan jännitys	20	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	1200	MPa	ISO 527
Murtolujuus	13	MPa	ISO 527
Murtovenymä	200	%	ISO 527
Taivutuslujuus	20	MPa	ISO 527-2
Särkyäkesto (Charpy)	7.5	kJ/m ²	ISO 179/1eA
Iskunkestävyys (Charpy)	15	kJ/m ²	ISO 179/1eU
Kovuus Shore D	60	° Shore D	shore D
Kulmapaineen kovuus	50	MPa	ISO 2039-1
Sulamispiste	135	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	95	°C	UL746B
Maksimi käyttölämpötila	76	°C	
Alin lämpötila	-51	°C	
Lämpökäyrä (HDT/A)	45	°C	ISO 75-2
Lämpökäyrä (HDT/B)	69	°C	ISO 75
Vicat-pehmenemislämpötila (VST/B/50)	79	°C	ISO 306
Lämmönjohtavuus	0.4	W/(m·K)	DIN 52612
Lämpölaajenemiskerroin	2	10 ⁻⁴ /K	ISO 11359
Dielektrinen voimakkuus	45	kV/mm	IEC 60243-1
Tilavuusresistanssi	10 ¹²	Ω·cm	EN 61340-5-1
Dielektrinen vakio (1 MHz)	2.4	-	IEC 60250
Dielektrinen vakio (100 Hz)	2.3	-	IEC 60250

Kemikaali	Pitoisuus	Kestäv.
Ammonium chloride	—	●
Amyl alcohol	—	●
Aniline	any	●
Anisole	—	●
Aqua regia	—	●
Beer	—	●
Benzaldehyde, aqueous	any	●
Benzene	technically grade	●
Benzene	—	●
Benzoic acid, aqueous	any	●
Benzyl alcohol	—	●
Bitumen	—	●
Bleaching solution	12.5 cl	●
Boric acid	100%	●
Brake fluid	—	●
Bromine, liquid	100%	●
Butanol, aqueous	any	●
Butter	—	●
Butyl acetate	—	●
Calcium chloride	—	●
Calcium hypochlorite, aqueous suspension	any	●
Camphor	—	●
Carbon disulphide	—	●
Carbon disulphide	100%	●
Carbon tetrachloride	—	●
Caustic soda (NaOH)	any	●
Chlorine (gas)	100%	●
Chlorine, liquid	—	●
Chloroacetic acid, aqueous	≤85%	●
Chlorobenzene	100%	●
Chlorobenzene	—	●
Chloroform	—	●

Kemikaali	Pitoisuus	Kestäv.
Chloroform	technically grade	●
Chromosulphuric acid	—	●
Cider	—	●
Citric acid	10%	●
Citrus fruit juices	—	●
Coconut oil	—	●
Cod liver oil	—	●
Cresol	—	●
Cresol	100%	●
Cyclohexane	—	●
Cyclohexanol	—	●
Cyclohexanone	100%	●
Cyclohexanone	—	●
Cyclohexene	100%	●
Detergents	—	●
Detergents	usual	●
Dibutyl ether	—	●
Dibutyl phthalate	—	●
Dichloroacetic acid	—	●
Dichloroethane	—	●
Diesel	—	●
Diesel	—	●
Diethylene oxide	—	●
Diglycolic acid, aqueous	30%	●
Dimethyl formamide (DMF)	—	●
Dimethylamine	—	●
Dioxane	—	●
Essential oils	—	●
Ethyl acetate	100%	●
Ethyl acetate	—	●
Ethyl alcohol (ethanol)	96%	●
Ethylene alcohol	96%	●

Kemikaali	Pitoisuus	Kestäv.
Ethylene chloride	—	●
Ethylene chloride	100%	●
Ethylene diamine	—	●
Ethylene glycol	—	●
Ferric chloride, aqueous	any	●
Ferric nitrate, aqueous saturated	—	●
Ferric nitrate, aqueous saturated	—	●
Ferric sulphate, aqueous saturated	—	●
Ferric sulphate, aqueous saturated	—	●
Ferrous (II) chloride, aqueous saturated	—	●
Ferrous (II) sulfate, aqueous saturated	—	●
Ferrous (III) chloride, aqueous saturated	—	●
Food oil	—	●
Formaldehyde (aqueous)	40%	●
Formaldehyde, aqueous	≤40%	●
Formic acid	10%	●
Formic acid, aqueous	85%	●
Frigen 12 (Freon 12)	100%	●
Frost protection agent	—	●
Fruit juices	any	●
Fuel (aromatic free)	—	●
Fuel oil	—	●
Fuel oil	—	●
Furfural	—	●
Glycerine	100%	●
Glycerine, aqueous	any	●
Glycol	100%	●
Glycol, aqueous	as supplied	●
Glysantin	—	●
Heptane	100%	●
Heptane	—	●
Hexane	—	●

Kemikaali	Pitoisuus	Kestäv.
Honey	—	●
Hydrobromic acid, aqueous	50%	●
Hydrochloric acid	10%	●
Hydrochloric acid (concentrated)	concentrated	●
Hydrochloric acid, aqueous	any	●
Hydrofluoric acid	40%	●
Hydrogen peroxide	10%	●
Hydrogen sulfide (aqueous)	—	●
Ink	—	●
Iodine in potassium iodide solution	3% iodine	●
Isooctane	—	●
Isopropanol	—	●
Isopropyl alcohol	100%	●
Isopropyl ether	—	●
Jam	—	●
Kerosene	—	●
Linseed oil	technically grade	●
Linseed oil	—	●
Lithium bromide	—	●
Maleic acid, aqueous	any	●
Menthol	—	●
Mercurochrome	—	●
Mercury	—	●
Methanol	technically grade	●
Methyl alcohol (methanol)	100%	●
Methyl chloride	gaseous, technically grade	●
Methyl ethyl ketone (MEK)	100%	●
Methyl ethyl ketone (MEK)	technically grade	●
Methylene chloride	100%	●
Milk	—	●
Milk	—	●
Mineral oil (aromatic free)	—	●

Kemikaali	Pitoisuus	Kestäv.
Molasses	—	●
Motor oil (heavy duty) without additives	—	●
Naphtha	—	●
Naphthalene	—	●
Nitric acid	10%	●
Nitric acid (50%)	50%	●
Nitric acid, aqueous	50%	●
Nitric acid, aqueous	25%	●
Nitrobenzene	—	●
Nitrobenzene	—	●
Oils, vegetable and animal	—	●
Oleic acid	—	●
Oleum (fuming sulphuric acid)	any	●
Oxalic acid	—	●
Oxalic acid, aqueous	any	●
Oxygen	—	●
Ozone	50 ppm	●
Ozone (gas)	≤0.5 ppm	●
Paraffin oil	100%	●
Perchloric acid, aqueous	70%	●
Perchloric acid, aqueous	20%	●
Perchloric acid, aqueous	50%	●
Perchloroethylene	—	●
Petroleum	—	●
Petroleum ether	100%	●
Petroleum ether	—	●
Phenol	—	●
Phenol (aqueous)	≈9%	●
Phosphoric acid	50%	●
Phosphoric acid, aqueous	50%	●
Phosphoric acid, aqueous	80% L 95%	●
Phosphorus trichloride	—	●

Kemikaali	Pitoisuus	Kestäv.
Photographic developer	—	●
Photographic emulsion	as supplied	●
Photographic fixing bath	as supplied	●
Phthalic acid, aqueous	50%	●
Polyester resins	—	●
Potassium hydroxide solution	50%	●
Premium fuel	—	●
Propionic acid, aqueous	any	●
Propyl alcohol	—	●
Pyridine	—	●
Pyridine	—	●
Sea water	—	●
Silicone oil	—	●
Silicone oil	technically grade	●
Sodium borate (borax)	—	●
Sodium bromide	—	●
Sodium carbonate (aqueous)	—	●
Sodium chloride (aqueous)	—	●
Sodium hydrogen sulfite	—	●
Sodium hydroxide solution (60%)	60%	●
Sodium hydroxide solution (caustic soda)	15%	●
Sodium hydroxide, aqueous	any	●
Sodium hydroxide, solid	—	●
Sodium nitrate (aqueous)	—	●
Sodium thiosulfate	—	●
Stearic acid	—	●
Sugar syrup	—	●
Sulphuric acid	96%	●
Sulphuric acid, aqueous	≤50%	●
Sulphuric acid, aqueous	70%	●
Sulphuric acid, aqueous	80%	●
Sulphuric acid, aqueous	98%	●

Kemikaali	Pitoisuus	Kestäv.
Tallow	technically grade	●
Tannic acid (tannin), aqueous	10%	●
Tetrahydrofuran (THF)	technically grade	●
Tetrahydrofuran (THF)	100%	●
Thionyl chloride	—	●
Thiophene	—	●
Tin (II) chloride, aqueous	any	●
Tin (IV) chloride, aqueous	saturated	●
Toluene	100%	●
Toluene	technically grade	●
Transformer oil	—	●
Transformer oil (insulating oil)	technically grade	●
Trichloroacetic acid	technically grade	●
Trichloroethylene	technically grade	●
Trichloroethylene	100%	●
Triethanolamine	—	●
Turpentine oil	technically grade	●
Urea, vattenl.	≤33%	●
Vaseline	technically grade	●
Vinegar (standard)	5-10%	●
Water	—	●
Water, distilled	—	●
Wine	—	●
Xylene	—	●
Xylene	—	●
Zinc sludge	—	●