



PE Ultra HD Ast 2000x1000x15 mm negro

Artikelnr P1400176
Material PE

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densidad	3	g/cm³	DIN EN ISO 1183-1
Límite de resistencia a la tracción	20	MPa	DIN EN ISO 527
Módulo de elasticidad (tracción)	650	MPa	DIN EN ISO 527
Deformación a la rotura	50	%	DIN EN ISO 527
Punto de fusión	133	°C	ISO 11357-3
Temperatura de servicio máxima (corto plazo)	130	°C	
Temperatura de funcionamiento máxima	80	°C	
Temperatura mínima	-200	°C	
Resistividad volumétrica	10⁹	Ω	DIN EN 62631-3-1
Clasificación de resistencia al fuego (UL 94)	3		UL 94
Conductividad térmica	0.4	W/(m·K)	DIN 52612
Resistencia superficial	10⁹	Ω	DIN EN 62631-3-2
Absorción de agua hasta la saturación	0.01	%	
Absorción de agua hasta la saturación	0.01	%	
Resistencia al impacto con entalla (Charpy)	2	kJ/m²	DIN EN ISO 179
Resistencia al impacto (Charpy)	2	kJ/m²	DIN EN ISO 179
Coeficiente de expansión térmica	1.75	10⁻⁴/K	DIN 53 752
Dureza Shore D	60	° Shore D	DIN EN ISO 868
Dureza a la presión de bala	34	MPa	ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	Beständig
2-Hydroxypropionic Acid	90%	Beständig

Kemikalie	Konc.	Resultat
Acetaldehyde	-	●
Acetic Acid	100%	●
Acetic acid	3%	●
Acetic acid	3% w/w	●
Acetic acid	100%	●
Acetic acid	3%	●
Acetic acid	3%	●
Acetic acid, aqueous	70%	●
Acetic anhydride	-	●
Acetone	-	●
Acetone	100%	●
Acronal dispersions	-	●
Acrylonitrile	-	●
Allyl acetate	-	●
Allyl alcohol	96%	●
Allyl chloride	-	●
Aluminium chloride, aqueous	any	●
Aluminium chloride, solid	-	●
Aluminium fluoride	Conc.	●
Aluminium hydroxide	-	●
Aluminium metaphosphate	-	●
Aluminium sulphate, aqueous saturated	-	●
Aluminium sulphate, solid	-	●
Ammonia	concentrated	●
Ammonia, gaseous	-	●
Ammonia, liquid	-	●
Ammonium Chloride	-	●
Amyl Alcohol	-	●
Aniline	any	●
Anisole	-	●
Apple Juice	-	●
Aqua regia	-	●
Beer	-	●
Benzaldehyde, aqueous	any	●
Benzene	-	●

Kemikalie	Konc.	Resultat
Benzene	technically grade	
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 carbonate	-	
Calcium carbonate	-	
Calcium hypochlorite, aqueous suspension	any	
Camphor	-	
Carbon Disulfide	100%	
Carbon Tetrachloride	-	
Carbon disulphide	-	
Caustic soda	any	
Chlorine (gas)	100%	
Chlorine, liquid	-	
Chloroacetic acid, aqueous	≤85%	
Chlorobenzene	100%	
Chlorobenzene	-	
Chloroform	technically grade	
Chloroform	-	
Chromosulphuric acid	-	
Cider	-	
Citric Acid	10%	
Citrus fruit juices	-	
Coconut oil	-	
Cod liver oil	-	
Cresol	-	
Cresol	100%	

Kemikalie	Konc.	Resultat
Cyclohexane	-	●
Cyclohexanol	-	●
Cyclohexanone	-	●
Cyclohexanone	100%	●
Cyclohexene	100%	●
Detergents	-	●
Dibutyl ether	-	●
Dibutyl phthalate	-	●
Dichloroacetic acid	-	●
Dichloroethane	-	●
Diesel Fuel	-	●
Diesel fuel	-	●
Diethylene Oxide	-	●
Diglycolic acid, aqueous	30%	●
Dimethyl formamide	-	●
Dimethylamine	-	●
Dioxane	-	●
Ethanol	10%	●
Ethanol	10%	●
Ethanol	10%	●
Ethanol	10% v/v	●
Ethyl Acetate	100%	●
Ethyl Alcohol	96%	●
Ethyl acetate	-	●
Ethylene Chloride	100%	●
Ethylene alcohol	96%	●
Ethylene chloride	-	●
Ethylene diamine	-	●
Ethylene glycol	-	●
Ferric chloride, aqueous	any	●
Ferric nitrate, aqueous saturated	-	●
Ferric sulphate, aqueous saturated	-	●
Ferrous (II) chloride, aqueous saturated	-	●
Ferrous (II) sulfate, aqueous saturated	-	●
Ferrous (III) chloride, aqueous saturated	-	●

Kemikalie	Konc.	Resultat
Ferrous (III) nitrate, aqueous saturated	-	●
Ferrous (III) sulfate, 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	-	●
Furfural	-	●
Glycerin, aqueous	any	●
Glycerine	100%	●
Glycol	100%	●
Glykol, aqueous	as supplied	●
Glysantin	-	●
Heating Oil	-	●
Heptane	100%	●
Heptane	-	●
Hexane	-	●
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 solution)	-	●
Ink	-	●
Iodine in potassium iodide solution	3% iodine	●
Isooctane	-	●
Isopropanol	-	●

Kemikalie	Konc.	Resultat
Isopropyl Alcohol	100%	
Isopropyl ether	-	
Jam	-	
Kerosene	-	
Linseed Oil	-	
Linseed oil	technically grade	
Lithium bromide	-	
Magnesium stearate	-	
Magnesium stearate	-	
Maleic acid, aqueous	any	
Menthol	-	
Mercurochrome	-	
Mercury	-	
Methanol	technically grade	
Methyl Alcohol	100%	
Methyl Ethyl Ketone (MEK)	100%	
Methyl chloride	gaseous, technically grade	
Methyl ethyl ketone	technically grade	
Methylene Chloride	100%	
Milk	-	
Milk	-	
Mineral Oil (aromatic free)	-	
Molasses	-	
Motor oil (heavy duty oil) without additives	-	
Naphtha	-	
Naphthalene	-	
Nitric Acid	10%	
Nitric Acid (50%)	50%	
Nitric acid, aqueous	50%	
Nitric acid, aqueous	25%	
Nitrobenzene	-	
Nitrobenzene	-	
Oils, ethereal	-	
Oils, vegetable and animal	-	
Oleic acid	-	

Kemikalie	Konc.	Resultat
Oleum	any	
Olive oil	-	
Olive oil	-	
Olive oil	-	
Olive oil	-	
Oxalic Acid	-	
Oxalic acid, aqueous	any	
Oxygen	-	
Ozone	50 ppm	
Ozone Gas	≤0.5 ppm	
Paraffine Oil	100%	
Perchloric acid, aqueous	20%	
Perchloric acid, aqueous	50%	
Perchloric acid, aqueous	70%	
Perchloroethylene	-	
Petroleum	100%	
Petroleum	-	
Petroleum Ether	100%	
Petroleum ether	-	
Phenol	-	
Phenol (aqueous)	≈9%	
Phosphoric Acid	50%	
Phosphoric acid, aqueous	80% L 95%	
Phosphoric acid, aqueous	50%	
Phosphorus trichloride	-	
Photographic developers	-	
Photographic emulsions	as supplied	
Photographic fixing baths	as supplied	
Phthalic acid, aqueous	50%	
Polyester resins	-	
Potassium Hydroxide liquor	50%	
Premium Fuel	-	
Propionic acid, aqueous	any	
Propyl Alcohol	-	
Pyridine	-	

Kemikalie	Konc.	Resultat
Pyridine	-	●
Sea water	-	●
Silicon dioxide	-	●
Silicon dioxide	-	●
Silicone Oil	-	●
Silicone oil	technically grade	●
Sodium Carbonate (aqueous)	-	●
Sodium Chloride (aqueous)	-	●
Sodium Hydrogen Sulfite	-	●
Sodium Hydroxide liquor	15%	●
Sodium Hydroxide liquor (60%)	60%	●
Sodium Nitrate (aqueous)	-	●
Sodium Thiosulfate	-	●
Sodium borate	-	●
Sodium bromide	-	●
Sodium hydroxide, aqueous	any	●
Sodium hydroxide, solid	-	●
Stearic acid	-	●
Sugar syrup	-	●
Sulfuric Acid	96%	●
Sulphuric acid, aqueous	≤50%	●
Sulphuric acid, aqueous	98%	●
Sulphuric acid, aqueous	70%	●
Sulphuric acid, aqueous	80%	●
Tallow	technically grade	●
Tannic acid (tannin), aqueous	10%	●
Tetrahydrofuran	technically grade	●
Tetrahydrofuran (THF)	100%	●
Thionyl chloride	-	●
Thiophene	-	●
Tin (II) chloride, aqueous	any	●
Tin (IV) chloride, aqueous	saturated	●
Titanium dioxide	-	●
Titanium dioxide	-	●

Kemikalie	Konc.	Resultat
Toluene	technically grade	
Toluene	100%	
Transformer Oil	-	
Transformer oil (insulating oil)	technically grade	
Trichloroacetic acid	technically grade	
Trichloroethylene	100%	
Trichloroethylene	technically grade	
Triethanolamine	-	
Triethanolamine	-	
Turpentine oil	technically grade	
Urea, aqueous	≤33%	
Vaseline	technically grade	
Vinegar (standard)	5-10%	
Washing up liquids	usual	
Water	-	
Water, distilled	-	
Wine	-	
Xylene	-	
Xylene	-	
Zinc sludge	-	