



PET 110x1000 mm musta

Artikelnummer: P1003526

1. Tekniskt Datablad (TDS)

Tiheys & paino

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Tiheys	1.46	g/cm ³	ISO 1183

Vesihöyryns sitoutuminen

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Imeytymisen maksimointi	0.02	%	ISO 62
Vesihaku kyllästymiseen	0.02	%	ISO 62

Vetokoeominaisuudet

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Venymisrajan jännitys	52	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	3400	MPa	ISO 527-2
Murtolujuus	58	MPa	ISO 527
Murtovenymä	5	%	ISO 527-2

Joustavuusominaisuudet

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Taivutuslujuus	75.25	MPa	ISO 178

Iskunkestävyys

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Särkyäkesto (Charpy)	90	kJ/m ²	ISO 180

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Iskunkestävyys (Charpy)	37	kJ/m ²	ISO 179/1eU

Kovuus

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Kovuus Shore D	77	° Shore D	ISO 868
Rockwell-kovuus	112	M-scale	
Kulmapaineen kovuus	166	MPa	ISO 2039

Lämpötilarajat

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Sulamispiste	224	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	138.75	°C	UL746B
Maksimi käyttölämpötila	96.6667	°C	
Alin lämpötila	-25	°C	
Lämpökäyrä (HDT/A)	85	°C	ISO 75
Lämpökäyrä (HDT/B)	100	°C	ISO 75
Vicat-pehmenemislämpötila (VST/B/50)	219	°C	ISO 306

Lämmönjohtavuus

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Lämmönjohtavuus	0.33	W/(m·K)	DIN 52612

Lämpölaajeneminen

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Lämpölaajenemiskerroin	0.8	10 ⁻⁴ /K	DIN 11359

Eristysominaisuudet

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Dielektrinen voimakkuus	22	kV/mm	IEC 60243-1
Tilavuusresistanssi	10 ¹⁸	Ω·cm	DIN EN 62631-3-1
Dielektrinen vakio (1 MHz)	3.3	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0095	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0105	-	IEC 60250

Staattinen leviäminen

OMINAISUUS	ARVO	YKSIKKÖ	STANDARDI
Pintaresistanssi	10 ¹⁴	Ω	IEC 60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112

2. Säkerhetsinformation (MSDS)

Luokitus: Ei luokiteltu vaaralliseksi (CLP/GHS) i fast form.

Käsittely: Inga särskilda åtgärder vid normal hantering. Vid bearbetning: Dammutsug.

Varastointi: Förvaras torrt och svalt. 5-40 °C.

Brandrisker: Vid brand: CO, CO₂.

3. Kemiallinen kestävyys

A Utmärkt **B** God **C** Begränsad **D** Ej rekommenderad

KEMIKAALI	BETYG	PITOIS.	LÄMPÖT.
1,4-Dioxane	partially_resistant	100%	60 °C
1,4-Dioxane	partially_resistant	100%	
Acetic acid	not_resistant	100%	
Acetic acid	not_resistant	100%	60 °C
Acetic acid	resistant	100%%	
Acetone	not_resistant	100%	60 °C
Acetone	partially_resistant	100%	
Ammonia	not_resistant	conc.%	60 °C
Ammonia	partially_resistant	conc.%	
Apple juice	resistant		
Apple juice	resistant		
Benzene	partially_resistant		
Benzene	not_resistant		60 °C
Bleaching solution	resistant		
Brake fluid	resistant		60 °C
Brake fluid	resistant		
Butyl acetate	resistant		
Butyl acetate	resistant		60 °C

KEMIKAALI	BETYG	PITOIS.	LÄMPÖT.
Calcium chloride	resistant		60 °C
Calcium chloride	resistant		
Carbon disulphide	resistant	100%	
Carbon disulphide	partially_resistant	100%	60 °C
Carbon tetrachloride	resistant		
Carbon tetrachloride	partially_resistant		60 °C
Carbon tetrachloride	resistant		
Chlorobenzene	resistant	100%%	
Chlorobenzene	not_resistant	100%	60 °C
Chlorobenzene	not_resistant	100%	
Chloroform	not_resistant		
Chloroform	not_resistant		60 °C
Citric acid	resistant	10%	
Citric acid	partially_resistant	10%	60 °C
Diesel	resistant		60 °C
Diesel	resistant		
Diethylene oxide	resistant		
Diethylene oxide	resistant		
Ethyl acetate	resistant	100%	
Ethyl acetate	not_resistant	100%	60 °C
Ethyl alcohol (ethanol)	resistant	96%	60 °C
Ethyl alcohol (ethanol)	resistant	96%%	
Ethyl alcohol (ethanol)	resistant	96%	
Ethylene chloride	partially_resistant	100%	
Ethylene chloride	not_resistant	100%	60 °C
Food oil	resistant		60 °C
Food oil	resistant		
Food oil	resistant		
Formic acid	resistant	10%	
Formic acid	partially_resistant	10%	60 °C
Frost protection agent	resistant		

KEMIKAALI	BETYG	PITOIS.	LÄMPÖT.
Frost protection agent	partially_resistant		60 °C
Fuel oil	resistant		
Fuel oil	resistant		60 °C
Fuel, aromatic free	resistant		
Fuel, aromatic free	resistant		60 °C
Glycerine	resistant	100%	
Glycerine	resistant	100%	60 °C
Glycerine	resistant	100%	
Glycol	partially_resistant	100%	60 °C
Glycol	resistant	100%	
Heptane	resistant	100%	60 °C
Heptane	resistant	100%	
Hydrochloric acid	not_resistant	conc.%	
Hydrochloric acid	resistant	10%	
Hydrochloric acid	not_resistant	conc.%	60 °C
Hydrochloric acid	partially_resistant	10%	60 °C
Hydrochloric acid (concentrated)	resistant	conc.%	
Hydrofluoric acid	not_resistant	40%	60 °C
Hydrofluoric acid	resistant	40%	
Hydrofluoric acid	not_resistant	40%	
Hydrogen peroxide	partially_resistant	10%	60 °C
Hydrogen peroxide	resistant	10%	
Hydrogen sulfide, aqueous	resistant		
Isopropyl alcohol	resistant	100%	
Isopropyl alcohol	partially_resistant	100%	60 °C
Isopropyl alcohol	resistant	100%	
Linseed oil	resistant		60 °C
Linseed oil	resistant		
Mercurochrome	resistant		
Methyl alcohol (methanol)	resistant	100%	
Methyl alcohol (methanol)	resistant	100%	

KEMIKAALI	BETYG	PITOIS.	LÄMPÖT.
Methyl alcohol (methanol)	partially_resistant	100%	60 °C
Methyl ethyl ketone (MEK)	resistant	100%	
Methyl ethyl ketone (MEK)	partially_resistant	100%	60 °C
Methylene chloride	not_resistant	100%	60 °C
Methylene chloride	not_resistant	100%	
Milk	resistant		60 °C
Milk	resistant		
Mineral oils, aromatic free	resistant		60 °C
Mineral oils, aromatic free	resistant		
Nitric acid	not_resistant	50%	60 °C
Nitric acid	resistant	10%	
Nitric acid	resistant	10%%	
Nitric acid	partially_resistant	10%	60 °C
Nitric acid	not_resistant	50%	
Paraffin oil	resistant	100%	60 °C
Paraffin oil	resistant	100%	
Perchloroethylene	not_resistant		60 °C
Perchloroethylene	resistant		
Petroleum	resistant	100%	
Petroleum	resistant	100%%	
Petroleum ether	resistant	100%	
Petroleum ether	resistant	100%%	
Petroleum ether	resistant	100%	60 °C
Phenol, aqueous	not_resistant	ca.9%	
Phosphoric acid	resistant	50%	
Phosphoric acid	partially_resistant	50%	60 °C
Potassium hydroxide solution	not_resistant	50%	
Potassium hydroxide solution	not_resistant	50%	60 °C
Premium fuel	resistant		
Premium fuel	partially_resistant		60 °C
Propyl alcohol	not_resistant		60 °C

KEMIKAALI	BETYG	PITOIS.	LÄMPÖT.
Propyl alcohol	resistant		
Silicone oil	resistant		
Silicone oil	resistant		60 °C
Sodium carbonate, aqueous	resistant		60 °C
Sodium carbonate, aqueous	resistant		
Sodium chloride, aqueous	resistant		60 °C
Sodium chloride, aqueous	resistant		
Sodium hydrogen sulfite	partially_resistant		
Sodium hydrogen sulfite	resistant		60 °C
Sodium hydrogen sulfite	resistant		
Sodium hydroxide solution (caustic soda)	not_resistant	60%	60 °C
Sodium hydroxide solution (caustic soda)	not_resistant	60%	
Sodium hydroxide solution (caustic soda)	not_resistant	15%	
Sodium hydroxide solution (caustic soda)	not_resistant	15%	60 °C
Sodium nitrate, aqueous	resistant		
Sodium thiosulfate	resistant		
Sulphuric acid	not_resistant	96%	60 °C
Sulphuric acid	not_resistant	96%	
Tetrahydrofuran (THF)	not_resistant	100%	
Tetrahydrofuran (THF)	not_resistant	100%	60 °C
Toluene	resistant	100%	
Toluene	not_resistant	100%	60 °C
Toluene	resistant	100%	
Transformer oil	resistant		
Transformer oil	resistant		60 °C
Trichloroethylene	not_resistant	100%	60 °C
Trichloroethylene	partially_resistant	100%	
Vinegar, standard	resistant	5-10%	
Vinegar, standard	resistant	5-10%	
Vinegar, standard	partially_resistant	5-10%	60 °C
Water	not_resistant		60 °C

KEMIKAALI	BETYG	PITOIS.	LÄMPÖT.
Water	resistant		
Xylene	partially_resistant		
Xylene	not_resistant		60 °C