



PET 45x3000 mm svart

Artikelnummer: P1003555

1. Tekniskt Datablad (TDS)

Densitet & vikt			
EGENSKAP	VÄRDE	ENHET	STANDARD
Densitet	1.46	g/cm³	ISO 1183

Fuktabsorption			
EGENSKAP	VÄRDE	ENHET	STANDARD
Fuktabsorption till mättnad	0.02	%	ISO 62
Vattenabsorption till mättnad	0.02	%	ISO 62

Dragegenskaper			
EGENSKAP	VÄRDE	ENHET	STANDARD
Sträckgränsspänning	52	MPa	ISO 527
Elasticitetsmodul (drag)	3400	MPa	ISO 527-2
Brottspänning	58	MPa	ISO 527
Brotttöjning	5	%	ISO 527-2

Böjegenskaper			
EGENSKAP	VÄRDE	ENHET	STANDARD
Böjhållfasthet	75.25	MPa	ISO 178

Slagtålighet			
EGENSKAP	VÄRDE	ENHET	STANDARD
Skårad slagseghet (Charpy)	90	kJ/m²	ISO 180

EGENSKAP	VÄRDE	ENHET	STANDARD
Slagseghet (Charpy)	37	kJ/m ²	ISO 179/1eU

Hårdhet

EGENSKAP	VÄRDE	ENHET	STANDARD
Hårdhet Shore D	77	° Shore D	ISO 868
Hårdhet Rockwell	112	M-scale	
Kultryckshårdhet	166	MPa	ISO 2039

Temperaturgränser

EGENSKAP	VÄRDE	ENHET	STANDARD
Smältpunkt	224	°C	ISO 3146
Maximal drifttemperatur (korttid)	138.75	°C	UL746B
Maximal drifttemperatur	96.6667	°C	
Minsta temperatur	-25	°C	
Värmeförvrängning (HDT/A)	85	°C	ISO 75
Värmeförvrängning (HDT/B)	100	°C	ISO 75
Vicat mjukningstemperatur (VST/B/50)	219	°C	ISO 306

Termisk konduktivitet

EGENSKAP	VÄRDE	ENHET	STANDARD
Termisk konduktivitet	0.33	W/(m·K)	DIN 52612

Termisk expansion

EGENSKAP	VÄRDE	ENHET	STANDARD
Termisk utvidgningskoefficient	0.8	10 ⁻⁴ /K	DIN 11359

Isolationsegenskaper

EGENSKAP	VÄRDE	ENHET	STANDARD
Dielektrisk styrka	22	kV/mm	IEC 60243-1
Volymresistivitet	1018	Ω·cm	DIN EN 62631-3-1
Dielektrisk konstant (1 MHz)	3.3	-	IEC 60250
Dielektrisk förlustfaktor (1 MHz)	0.0095	-	IEC 60250
Dielektrisk förlustfaktor (100 Hz)	0.0105	-	IEC 60250

Statisk spridning

EGENSKAP	VÄRDE	ENHET	STANDARD
Ytresistivitet	1014	Ω	IEC 60093
Jämförande krypströmsindex (CTI)	600	V	IEC 60112

2. Säkerhetsinformation (MSDS)

Klassificering: Ej klassificerad som farlig (CLP/GHS) i fast form.

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

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

Brandrisker: Vid brand: CO, CO₂.

3. Kemisk beständighet

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

KEMIKALE	BETYG	KONC.	TEMP.
1,4-Dioxane	B	100%	
1,4-Dioxane	B	100%	60 °C
Acetic Acid	A	100%	
Acetic Acid	D	100%	
Acetic Acid	D	100%	60 °C
Acetone	B	100%	
Acetone	D	100%	60 °C
Ammonia	B	conc.%	
Ammonia	D	conc.%	60 °C
Apple Juice	A		
Apple Juice	A		
Benzene	B		
Benzene	D		60 °C
Bleaching Solution	A		
Brake Fluid	A		60 °C
Brake Fluid	A		
Butyl Acetate	A		60 °C

KEMIKALE	BETYG	KONC.	TEMP.
Butyl Acetate	A		
Calcium Chloride	A		
Calcium Chloride	A		60 °C
Carbon Disulfide	B	100%	60 °C
Carbon Disulfide	A	100%	
Carbon Tetrachloride	B		60 °C
Carbon Tetrachloride	A		
Carbon Tetrachloride	A		
Chlorobenzene	D	100%	60 °C
Chlorobenzene	A	100%%	
Chlorobenzene	D	100%	
Chloroform	D		60 °C
Chloroform	D		
Citric Acid	A	10%	
Citric Acid	B	10%	60 °C
Diesel Fuel	A		60 °C
Diesel Fuel	A		
Diethylene Oxide	A		
Diethylene Oxide	A		
Ethyl Acetate	A	100%	
Ethyl Acetate	D	100%	60 °C
Ethyl Alcohol	A	96%%	
Ethyl Alcohol	A	96%	
Ethyl Alcohol	A	96%	60 °C
Ethylene Chloride	B	100%	
Ethylene Chloride	D	100%	60 °C
Food Oil	A		
Food Oil	A		
Food Oil	A		60 °C

KEMIKALE	BETYG	KONC.	TEMP.
Formic Acid	B	10%	60 °C
Formic Acid	A	10%	
Frost Protection Agent	A		
Frost Protection Agent	B		60 °C
Fuel aromatic free	A		60 °C
Fuel aromatic free	A		
Glycerin	A	100%	
Glycerin	A	100%	60 °C
Glycerin	A	100%	
Glycol	B	100%	60 °C
Glycol	A	100%	
Heating Oil	A		
Heating Oil	A		60 °C
Heptane	A	100%	60 °C
Heptane	A	100%	
Hydrochloric Acid	D	conc.%	60 °C
Hydrochloric Acid	A	10%	
Hydrochloric Acid	B	10%	60 °C
Hydrochloric Acid	D	conc.%	
Hydrochloric Acid (concentrated)	A	conc.%	
Hydrofluoric Acid	D	40%	
Hydrofluoric Acid	D	40%	60 °C
Hydrofluoric Acid	A	40%%	
Hydrogen Peroxide	B	10%	60 °C
Hydrogen Peroxide	A	10%	
Hydrogen Sulfide, aqueous solution	A		
Isopropyl Alcohol	B	100%	60 °C
Isopropyl Alcohol	A	100%%	
Isopropyl Alcohol	A	100%	

KEMIKALE	BETYG	KONC.	TEMP.
Linseed Oil	A		
Linseed Oil	A		60 °C
Mercurochrome	A		
Methyl Alcohol	A	100%%	
Methyl Alcohol	A	100%	
Methyl Alcohol	B	100%	60 °C
Methyl Ethyl Ketone (MEK)	B	100%	60 °C
Methyl Ethyl Ketone (MEK)	A	100%	
Methylene Chloride	D	100%	60 °C
Methylene Chloride	D	100%	
Milk	A		60 °C
Milk	A		
Mineral Oils aromatic free	A		60 °C
Mineral Oils aromatic free	A		
Nitric Acid	B	10%	60 °C
Nitric Acid	A	10%%	
Nitric Acid	A	10%	
Nitric Acid	D	50%	
Nitric Acid	D	50%	60 °C
Paraffine Oil	A	100%	60 °C
Paraffine Oil	A	100%	
Perchloroethylene	D		60 °C
Perchloroethylene	A		
Petroleum	A	100%	
Petroleum	A	100%%	
Petroleum Ether	A	100%	60 °C
Petroleum Ether	A	100%%	
Petroleum Ether	A	100%	
Phenol aqueous	D	ca.9%	

KEMIKALE	BETYG	KONC.	TEMP.
Phosphoric Acid	A	50%	
Phosphoric Acid	B	50%	60 °C
Potassium Hydroxide liquor	D	50%	60 °C
Potassium Hydroxide liquor	D	50%	
Premium Fuel	B		60 °C
Premium Fuel	A		
Propyl Alcohol	A		
Propyl Alcohol	D		60 °C
Silicone Oil	A		60 °C
Silicone Oil	A		
Sodium Carbonate aqueous	A		60 °C
Sodium Carbonate aqueous	A		
Sodium Chloride aqueous	A		60 °C
Sodium Chloride aqueous	A		
Sodium Hydrogen Sulfite	A		60 °C
Sodium Hydrogen Sulfite	A		
Sodium Hydrogen Sulfite	B		
Sodium Hydroxide liquor	D	60%	60 °C
Sodium Hydroxide liquor	D	15%	60 °C
Sodium Hydroxide liquor	D	60%	
Sodium Hydroxide liquor	D	15%	
Sodium Nitrate aqueous	A		
Sodium Thiosulfate	A		
Sulfuric Acid	D	96%	60 °C
Sulfuric Acid	D	96%	
Tetrahydrofuran THF	D	100%	
Tetrahydrofuran THF	D	100%	60 °C
Toluene	D	100%	60 °C
Toluene	A	100%	

KEMIKALE	BETYG	KONC.	TEMP.
Toluene	A	100%%	
Transformer Oil	A		
Transformer Oil	A		60 °C
Trichloroethylene	B	100%	
Trichloroethylene	D	100%	60 °C
Vinegar standard	B	5-10%	60 °C
Vinegar standard	A	5-10%	
Vinegar, standard	A	5-10%%	
Water	A		
Water	D		60 °C
Xylene	D		60 °C
Xylene	B		