



PET 2000x1000x3 mm musta

Tuotenro P1003741

1. Tekninen tietolomake

Ominaisuus	Arvo	Yksikkö	Testausstandardi
Tiheys	1.46	g/cm ³	ISO 1183
Imeytymisen maksimointi	0.02	%	ISO 62
Vesihaku kyllästymiseen	0.02	%	ISO 62
Venymisrajan jännitys	52	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	3400	MPa	ISO 527-2
Murtolujuus	58	MPa	ISO 527
Murtovenymä	5	%	ISO 527-2
Taivutuslujuus	75.25	MPa	ISO 178
Särkyäkesto (Charpy)	90	kJ/m ²	ISO 180
Iskunkestävyys (Charpy)	37	kJ/m ²	ISO 179/1eU
Kovuus Shore D	77	° Shore D	ISO 868
Rockwell-kovuus	112	M-scale	
Kulmapaineen kovuus	166	MPa	ISO 2039
Sulamispiste	224	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	138.75	°C	UL746B
Maksimi käyttölämpötila	97	°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	0.33	W/(m·K)	DIN 52612
Lämpölaajenemiskerroin	0.8	10 ⁻⁴ /K	DIN 11359
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

Kemikaali	Pitoisuus	Kestäv.
Carbon tetrachloride	—	
Chlorobenzene	100%	
Chlorobenzene	100	
Chlorobenzene	100	
Chloroform	—	
Chloroform	—	
Citric acid	10	
Citric acid	10	
Diesel	—	
Diesel	—	
Diethylene oxide	—	
Diethylene oxide	—	
Ethyl acetate	100	
Ethyl acetate	100	
Ethyl alcohol (ethanol)	96	
Ethyl alcohol (ethanol)	96%	
Ethyl alcohol (ethanol)	96	
Ethylene chloride	100	
Ethylene chloride	100	
Food oil	—	
Food oil	—	
Food oil	—	
Formic acid	10	
Formic acid	10	
Frost protection agent	—	
Frost protection agent	—	
Fuel oil	—	
Fuel oil	—	
Fuel, aromatic free	—	
Fuel, aromatic free	—	
Glycerine	100%	
Glycerine	100	

Kemikaali	Pitoisuus	Kestäv.
Glycerine	100	●
Glycol	100	●
Glycol	100	●
Heptane	100	●
Heptane	100	●
Hydrochloric acid	conc.	●
Hydrochloric acid	10	●
Hydrochloric acid	10	●
Hydrochloric acid	conc.	●
Hydrochloric acid (concentrated)	conc.	●
Hydrofluoric acid	40	●
Hydrofluoric acid	40	●
Hydrofluoric acid	40%	●
Hydrogen peroxide	10	●
Hydrogen peroxide	10	●
Hydrogen sulfide, aqueous	—	●
Isopropyl alcohol	100	●
Isopropyl alcohol	100%	●
Isopropyl alcohol	100	●
Linseed oil	—	●
Linseed oil	—	●
Mercurochrome	—	●
Methyl alcohol (methanol)	100%	●
Methyl alcohol (methanol)	100	●
Methyl alcohol (methanol)	100	●
Methyl ethyl ketone (MEK)	100	●
Methyl ethyl ketone (MEK)	100	●
Methylene chloride	100	●
Methylene chloride	100	●
Milk	—	●
Milk	—	●
Mineral oils, aromatic free	—	●

Kemikaali	Pitoisuus	Kestäv.
Mineral oils, aromatic free	—	●
Nitric acid	10%	●
Nitric acid	50	●
Nitric acid	10	●
Nitric acid	10	●
Nitric acid	50	●
Paraffin oil	100	●
Paraffin oil	100	●
Perchloroethylene	—	●
Perchloroethylene	—	●
Petroleum	100%	●
Petroleum	100	●
Petroleum ether	100	●
Petroleum ether	100	●
Petroleum ether	100%	●
Phenol, aqueous	ca.9	●
Phosphoric acid	50	●
Phosphoric acid	50	●
Potassium hydroxide solution	50	●
Potassium hydroxide solution	50	●
Premium fuel	—	●
Premium fuel	—	●
Propyl alcohol	—	●
Propyl alcohol	—	●
Silicone oil	—	●
Silicone oil	—	●
Sodium carbonate, aqueous	—	●
Sodium carbonate, aqueous	—	●
Sodium chloride, aqueous	—	●
Sodium chloride, aqueous	—	●
Sodium hydrogen sulfite	—	●
Sodium hydrogen sulfite	—	●

Kemikaali	Pitoisuus	Kestäv.
Sodium hydrogen sulfite	—	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium nitrate, aqueous	—	●
Sodium thiosulfate	—	●
Sulphuric acid	96	●
Sulphuric acid	96	●
Tetrahydrofuran (THF)	100	●
Tetrahydrofuran (THF)	100	●
Toluene	100	●
Toluene	100	●
Toluene	100%	●
Transformer oil	—	●
Transformer oil	—	●
Trichloroethylene	100	●
Trichloroethylene	100	●
Vinegar, standard	5-10	●
Vinegar, standard	5-10	●
Vinegar, standard	5-10%	●
Water	—	●
Water	—	●
Xylene	—	●
Xylene	—	●