

APPLICATION FIELDS	Ignition temperature	GROUP	II A																	II B		II C													
			GAS AND VAPOURS	Acetone	Industrial methane	Acetate of ethylene	Methanol	Butane	Propane	Hexane	Ammoniac	Oxidized carbonne	Pentane	Heptane	Iso-octane	Decane	Benzene	Xylene	Cyclohexane	Ethyl/MethylKetone	Acetate of methyl	Acetate of propyl	Acetate of butyl	Acetate of amyl	Butanol	Nitrite of ethyl	Ethylene	Butadiène 1,3	Oxydized ethylene	Hydrogen	Carbon bisulphide	Acethylene			
		Group of Gas	465°C	535°C	425°C	385°C	287°C	450°C	223°C	650°C	605°C	260°C	204°C	530°C	205°C	498°C	460°C	245°C	510°C	454°C	450°C	420°C	360°C	343°C	90°C	450°C	420°C	425°C	500°C	90°C	300°C				
Industry of cleaning products	245°C	II or IIB	X		X											X	X	X	X	X							X								
Pharmaceutical industry	90°C	II or IIC		X	X	X															X	X				X			X						
Industry of colouring agents	385°C	II or IIA		X		X										X	X		X	X															
Industry of artificial rubber	300°C	II or IIC		X	X											X					X						X	X				X			
Perfumery	375°C	II or IIA	X		X	X										X	X						X												
Alcohols	375°C	II or IIA				X																	X												
Artificial essences of fruits	90°C	II or IIA			X											X							X			X									
Manufacture of artificial textile	90°C	II or IIC			X						X					X		X									X		X		X		X		
Painting industry	343°C	II or IIB	X		X											X			X	X		X	X	X											
Manufacture of fats	343°C	II or IIB	X		X											X			X	X		X	X	X											
Fat solvents	465°C	II or IIA	X							X						X																			
Resin solvents	465°C	II or IIA	X			X												X	X					X											
Manufacture of plastic matters	300°C	II or IIC	X	X																		X		X		X				X		X		X	
Hydrocarbons	90°C	II or IIC		X			X	X	X			X	X	X	X	X	X	X													X				
Gas used as fuel	300°C	II or IIC		X		X	X	X																						X		X		X	
Agricultural fertilizers industry	500°C	II or IIC																											X		X				

Note: The mixtures of gas are mentioned as information only.

ANATOM78S-PL-EEX+AWAX26XXL-EEX:

GAS Ex ia IIC T4

DUST : II 1 GD IP6X-T135 °C

ANATOM78S-OX-EEX+AWAX26XXL-EEX:

GAS : EEx ia IIC T4

DUST : II 2 GD IP6X-T135 °C

USE OF TABLE:

Example of "manufacture of plastic matters". The "X" in the table show the presence of the gas. For the gas that has the lowest temperature of self-ignition (300°C), the electrical equipment which is installed must have a temperature less than 300°C, so be classed T3, T4, T5 and T6.

the most explosive gas is the acethylene (Group II C). The equipment must be classed at least IIC T3.

Our equipment is not designed to be used with the following gas: Nitrite of ethyl and carbon bisulphide (red boxes)