

## EG - DIN safety data sheet

### Handelsname

### TEKALEN® A 6000

Chemical characterisation:	Polymer of Ethylene C 2n H 4n+2
Form:	semi-finished product machined finished product
Colour:	natural, various pigmentation
Odour:	slight

### Physical data and safety data

change in physical state:		
melting range	130 - 133°C	(DSC 10K/min)
density	0,94g/cm <sup>3</sup>	(DIN 53479)
bulk density	200 - 500 kg/m <sup>3</sup>	(DIN 53466)
vapour pressure	not practicable	
viscosity	not practicable	
solubility in water (20°C)	insoluble	
(100°C)	insoluble	
ph value	not practicable	
flash point	not practicable	
ignition temperature	ca. 350°C	(ASTM D 1929)
thermal decomposition	ca. 300°C	
hazardous decomposition products	when burnt, soot, carbondioxide and low molecular remains of PE occur. When not burnt completely, carbon-monoxide may develop.	
hazardous reactions	none	
transport	does not fall under dangerous goods category	

## Regulations

Is not named Federal German regulation on dangerous chemical substances - not listed.  
These products can be regarded as not harmful to health on the basis of present toxicological and ecological data. No CAS-number is needed.

## Protective measures, storage and handling

technical protective measure	no special protective measures
personal protective equipment	not needed
industrial hygiene	no special precautions
protection against fire and explosion	no special precautions
disposal	regulated dump or burning

## Measures in case of accidents and fires

after spillage / leakage / gas leakage	not applicable
extinguishing media	CO2. Fpa, extinguisher
first aid	skin burns caused by molded material must be treated by a doctor

## Information on toxicity

no toxic effects known

information on ecological effects

no negative ecological effects known

further information CAS-No. 9002-88-4

material conforms to TDA regulations and recommendation III BGA

All above statements are made according to best knowledge and today's technology.  
They are to describe TEKALEN A 6000 regarding safety measures and not to promise certain qualities.