CPV-Chemflo & CPV-Zurn Polypropylene

Material Safety Data Sheet

Description

Physical Pipe and fittings are supplied in a range of dimensions & wall thickness.
Chemical Polypropylene homopolymer and copolymer in natural and pigmented grades
Odour None.

Physical Data

Density @ 20°C	0.91 gm/cm^3
Melting Point	160 - 165 ^{o} C
Autoignition Point	360°C
Thermal Decomposition	Above 330°C produces carbon dioxide, water and low molecular fractions of polypropylene. If incomplete combustion occurs, carbon monoxide may be produced
Thermal Conductivity	0.21 W/mK
Lower Explosive Limit	20 gm/m^3
Solubility(Water)	Insoluble.

Fire and Explosion Hazard Data

When polypropylene is heated in air, melting will occur at around 160°C and decomposition will start to occur at over 350°C with the release of carbon monoxide and water plus small amounts of various hydrocarbons and aldehydes.
Burning can also be accompanied by the release of flaming molten droplets of polymer which could ignite adjacent, flammable materials.

Toxicity Data

Polypropylene is chemically unreactive and is generally regarded as being biologically inert.

Storage and Handling

Polypropylene does not present any unusual hazard in handling. Control dust formation and avoid contact with the eyes.
Take precautionary measures against static discharges.

Note

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use in any product in conflict with existing patents covering any material or its use.

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