

Santa Giustina in Colle, 2020

Object: **REACTION WHEN EXPOSED TO FIRE**

Following your kind request concerning granule reaction when exposed to fire, we have to say that it being vinyl chloride polymer it is considered **non-flammable, self-extinguishable** and not **at all flame-propagator**.

Nevertheless for what it concerns PVC combustibility, as said in the international regulation, ISO 1182, this polymer can not be considered non-combustible, because when exposed for a long time to a great heat source (800-850°), suffers, as most organic things, a process of thermal decomposition that takes to the formation of black fumes made essentially of carbon monoxide, carbon dioxide water and chloridryc acid.

In spite of all that we could say that manufactured articles made of your type have a good resistance when exposed to fire. The material is considered of C1 (V0) class responding to the characteristics of the regulation.

Moreover, PVC can never be the origin of a fire, and it can not contribute to develop one, as proved with many tests, in Italy and abroad.

Best regards
M.P.M. SRL

*the information above refers to the raw materials supplier's communication