

UV AND ANTIOXIDANTS IN NOMAFLEX®

UV

Exposure to sunlight and some artificial lights can have adverse effects on the useful life of plastic products including Nomaflex products. UV radiation can break down the chemical bonds in a polymer. This process is called photo degradation. It ultimately causes cracking, chalking, color changes and the loss of physical properties. To counteract the damaging effect of UV light, UV stabilizers are utilized in the Nomaflex formulation to solve the degradation problems.

ANTIOXIDANTS

Antioxidants possess stabilizing properties for plastics and Nomaflex products and is provided in the Nomaflex formulation which provides additional protection against thermo-oxidative degradation. The antioxidant as well has a high resistance to extraction and low volatility and there for remains in the polymer and the Nomaflex product in protection mode allowing for another layer of protection.