

June 2021

ANTISHOCK REFLEX: RAW MATERIAL CHARACTERISTICS

- Density: 1350-1420 kg/m³
- Vicat: 75-80
- Mechanical strength is superior than polyolefins (PE, PP)
- High elasticity
- Abrasion: great strength when compared to polyolefins (PE, PP)
- Resistance to shock is higher than PA6
- Fire class V0, non-flammable, self-extinguishing, non-flame propagator material
- It is resistant to saline solutions, gasoline, oil, alcohol and acids and cannot be attacked by micro-organisms or molds
- Low levels of water absorption grant dimensional stability, which is useful to avoid thermal expansion, while PA6 absorbs humidity as time passes
- It does not absorb water, and its peculiar shape facilities water sliding and cleaning
- It gets no alteration deriving from time, weather, humidity or salinity and needs only normal cleaning
- In case of longer UV radiations exposure, brighter colours may lose intensity
- 100% recyclable, if it is properly disposed of
- It is a great insulator against heat or sound
- It follows Directive EU 2015/863 (Rohs) → it does not contain cadmium, mercury, lead, hexavalent chromium, PBB, PBDE
- It can be processed with machine-tools and hot/cold welding and is compatible to glueing
- As one of the most versatile, cheap and used plastic materials in the world, its lasting performances make it particularly suitable for many solutions
- Stable raw material price
- Range of ambient temperature: 0° + 50° C
- Manufactured PVC RIGID are considered rot proof, as they normally are not attacked by bacteria and microorganisms that make up mildew.

M.P.M. S.R.L.

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