

METALLIC FILLERS

The addition of metallic fillers (aluminum, copper, nickel, iron, etc.) is carried out to make the plastic materials used to conduct electricity or heat, and in particular for the electromagnetic protection of various devices.



FILLER	PROPERTIES
Aluminum	Improves machinability, impact resistance, thermal and electrical conductivities.
Copper	Improves rigidity and creep resistance.
Iron	Improves machinability, thermal and electrical conductivities. improves abrasion resistance.
Lead	High density, provides protection against radiation and absorption of sound in materials.
Zinc	Improves corrosion resistance.
Potassium titanate	Improves dimensional stability and reduces the molding cycle.
Barium sulphate	Increases density and compressive strength.
Barium ferrite	Gives magnetic properties.