



MATERIAL SPECIFICATION

Magnetic Compound **222014**

Description Strontium Ferrite/Synthetic rubber compound for
the production of extruded magnetic profiles
Chemical Composition Strontium Ferrite SrFe₁₂O₁₉
Synthetic Rubber

PHYSICAL PROPERTIES	Standard	Measure Unit	Value	Notes
Specific Gravity	ASTM 792-66	g/cm ³	3.6 +/- 0.2	
Hardness	DIN 53505	ShD	>50	

MAGNETIC PROPERTIES	Standard	Measure Unit	Value	Notes
Br	DIN 50470	G	>1550	
Hc	DIN 50470	Oe	>1300	
Hci	DIN 50470	Oe	>2000	
(B.H)m	DIN 50470	MGOe	>0.4	

The product must be stored in covered areas away from direct heating sources and atmospheric agents.

This document contains information based on average values as obtained from the laboratory test and observations made on specimen after 24h of standard conditioning at 23+/- °C and 50+/-% R.H. as per ASTM D618 standard.

The reported values refer to our best technical knowledge at the moment of testing and cannot be used as a basis for the development of applications. They are intended only as a guide for the product use, and not as a sales specification or warranty. Sales specification can be agreed on request.

For better assessment of the materials, you are kindly requested to contact our technical or commercial offices that will supply detailed information on the most suitable characteristics for their intended use.

Issued: 11/15/2024

The product is originally developed and produced by ILPEA Industries, Inc – Scottsburg, IN, 47170

