

ABSTRACT

The present invention relates to a polymeric composition which comprises the use of additives having properties of emission and/or absorption of radiation in the long infrared region, and also to articles manufactured using this composition. The present invention also relates to methods for manufacturing yarns and polymeric compositions containing these additives, and also to textile articles such as fabrics or knits manufactured using these yarns, and to the use thereof.

More specifically, the composition comprises organic additives or inorganic fillers which have a capacity for absorption/emission of radiation in the infrared region, in a wavelength range of between 2 μm and 20 μm , and also a polymeric substrate, it being possible for the inorganic fillers to be of at least one type chosen from oxides, sulphates, carbonates, phosphates and silicates, and said inorganic fillers having an average particle size of less than 2 μm .