



GSE-70FIR FAR INFRARED



PROPERTIES

Property	Unit	Standard	Value
MI(190°C@2.16kg)	g/10min	ASTM D1238	2.07
Density	g/cm ³	ASTM D792	1.56
Hardness	Shore A	ASTM D2240	80±2

FORMS

1. Form: Pellets
2. Color: Natural (White)
3. Packaging: 25 kg/bag



FEATURES

1. Blends well with EVA, PE, TPE to make far infrared functional care foaming materials in different hardness.
2. Can be applied well on peroxide crosslink system.

APPLICATIONS

Knee guard, elbow guard, wrist guard, footbed, etc.

FAR INFRARED INTRODUCTION

1. There is a magical ray besides the visible light in sunlight which is invisible to human eyes. Its physical properties are very similar to visible light with significant heat radiation called infrared. The shorter wavelength is near-infrared, and the far-infrared is the longest wavelength of infrared rays in infrared rays. Generally, the infrared rays with wavelength above 2.5 micrometers are called far infrared rays. The wavelength matched with the human bodies is 8 to 15 micrometers in general.
2. The main features of far infrared rays include:(1) emissivity; (2) permeability; (3) absorption and resonance, which directly emits and penetrates into the subcutaneous tissue, and transmits to other organs through blood circulation to achieve health care effects.

CERTIFICATIONS

1. "China National Institute of Measurement and Testing Technology" tests the far infrared emissivity rate **87%**.
(Foaming contains 60%GSE-70FIR)
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STORAGE

1. Keep in cool place without being exposed to direct sunlight. Store it at temperature below 50°C.
2. Keep out of fire and heat.
3. For better storage, keep the packaging sealed if unused up.