



GSE-101

SHAPEABLE HARDENER



PROPERTIES

Property	Unit	Standard	Value
MI (190°C@2.16kg)	g/10min	ASTM D1238	2.0 - 3.0
Density	g/cm ³	ASTM D792	0.94 - 0.98
Hardness	Shore A	ASTM D2240	100±2
Tensile Strength	kg/cm ²	ASTM D638	119
Elongation	%	ASTM D638	360
Tear Strength	kg/cm	ASTM D624	69
Softening Point	°C	ASTM D1525	120 - 125

All given data should be considered as a reference guide.

FORMS

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



FEATURES

1. Thermoplastic compound pellets for hardening injection and foaming products. It is a versatile material for shaping into curve and form.
2. When adding GSE-101, there's no need to adjust molding to prevent size rate change which caused by foaming.
3. Replace natural resources to avoid deforestation.
4. Light weight, high hardness, waterproof and difficult to aging.
5. Can be used in high value-added products, glass fiber or carbon fiber high compatibility.
6. Processing temperature 100 to 110°C. Foam products for high hardness, low density, low shrinkage.
7. Without eight heavy metal and halogens.

APPLICATIONS

Suitable for medical rehabilitation, building materials, hard outsole.

CERTIFICATIONS

1. SGS 8 Heavy Metals Free, Report TE/2010/B0117
2. SGS Halogen Free, Report TE/2011/30104

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.