



# GSE-58

# SCRATCH RESIST



## PROPERTIES

Property	Unit	Standard	Value
MI (190°C@2.16kg)	g/10min	ASTM D1238	1.0 - 2.0
Density	g/cm <sup>3</sup>	ASTM D792	0.9 - 1.0
Hardness	Shore A	ASTM D2240	80±2
Tensile Strength	kg/cm <sup>2</sup>	ASTM D638	69.36
Elongation	%	ASTM D638	650
Tear Strength	kg/cm	ASTM D624	41
Softening Point	°C	ASTM D1525	85 - 90

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. GSE-58 foam products hardness 50~55C, expansion rate 1.53~1.58, DIN-53516 standard test abrasion result under 150.
2. Highly compatible with all kinds of rubber and plastic. It is also suitable for foam based or non-foam based plastics.
3. Applied to EVA injection foaming outsoles, enhance the sole abrasion ability.
4. Suitable for both peroxide crosslink and thermosetting crosslink systems.
5. When applied as master batch, GSE-58 makes similar physical properties as synthetic rubber and natural rubber, also with shorter forming time and lower density.
6. Can be applied as mold release agent.

## APPLICATIONS

To improve properties of tensile strength, tearing resistance, elongation and skid proof. Press foaming, EVA injection foaming products.

## CERTIFICATIONS

1. SGS 8 Heavy Metal & PVC Free, Report KE/2006/70402
2. SGS Abrasion test result under 150 (DIN-53516), Report TE/2011/A0274

## 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.