



Victory General Technology Co.

Thermoplastic Elastomer Modifier Manufacturer

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GSE-58 TPE Super abrasion resistant

Brief Intro : **GSE-58** is a Thermoplastic Elastomer that work well with **EVA** material, it act as toughening modifying pellets, processing aid, reforming properties for greater abrasion resistant ability or singularly use as main base component for making products.

Form : Pellets

Color : Semi-clear

Packaging : 25 kg bag

TPE pellets properties :



Test Properties	Unit	Test Standard	GSE-58
Hardness	A	ASTM 2240	80±2
Density	g/cm ³	ASTM 792	0.9~1.0
MI(190℃ 2.16Kg)	g/10min	ASTM D1238	1.0~2.0

Note: The above properties data are reference only

Features:

- **GSE-58** under condition of 100% **GSE-58** input made foam, having surface hardness between 50~55℃, and foaming ratio at 1.5±0.02, with testing specification on DIN-53516 standard for abrasion can derived relative volume loss under 150 or DIN number under 150, this **TPE** material has superior abrasion resistant (friction erosion endurance) ability with great adhesiveness. Please refer to the reference 100% **GSE-58** input formula and SGS DIN test result for more details.
- **GSE-58** is formulated for **EVA** injection foaming outsole to effectively enhance abrasion resistant ability (friction erosion endurance), **GSE-58** desired effectiveness can be adjusted proportionally on the amount added.
- **GSE-58** can be use as mold releasing or mold stripping additive, where it can reduce the quantity of releasing agent applied thus reducing reliance on mold releasing agent.
- **GSE-58** can pair with **VG-566** abrasion resistant additive
- In order to achieve full properties of our TPE modifier, adding a small portion of our **VG-301** additive is recommended.

Application : For products made from primary foaming (Compression molding foaming), **EVA** injection foaming in varies types of foaming method and equipment



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SGS : SGS certified of DIN test result under 150 (Report No. TE/2015/C0237)

Storage condition :

- Keep in cool place with no direct sunlight and store it at temperature below 50 degrees.
- Keep out of fire and heat source.

