



NB-1

IMPACT ABSORPTION VIBRATION REDUCTION



PROPERTIES

Property	Unit	Standard	Value
MI(150°C@2.16kg)	g/10min	ASTM D1238	1.0~2.0
Density	g/cm ³	ASTM D792	1.15~1.3
Hardness	Shore A	ASTM D2240	68±2
Tensile Strength	kg/cm ²	ASTM D412	21
Elongation	%	ASTM D412	670
Tear Strength	kg/cm	ASTM D624	20
Softening Point	°C	ASTM D1525	105-110

FORMS

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



FEATURES

1. Does not contain Tin nor Organotin, NB-1 meets requirements of EU and other world renowned brands.
2. Hardness of NB-1-added foam products do not increase much under low temperature environment. It performs excellent impact absorption ability at room temperature of 25°C.
3. NB-1-added foam products provides great recovery rate (compression set) after suffering high energy impact.
4. NB-1 is able to intake more fillers while retaining it's excellent impact absorption and vibration absorption ability.
5. In order to achieve full properties of our TPE modifier, adding a small portion of our VG-301 additive is recommended.

APPLICATIONS

NB-1 TPE damping cell is applicable to sporting goods, footwear, protection gear, electronic components, high tech equipment, packaging, physical therapy, and audio equipment, yoga mat etc.

CERTIFICATIONS

1. SGS Halogen free, Report TE/2011/30244
2. SGS PAHs free, Report KE/2015/31596
3. SGS 8 Heavy Metals free, Report TE/2018/90044

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.