



# 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 <sup>3</sup>	ASTM D792	1.15 - 1.30
Hardness	Shore A	ASTM D2240	68±2
Tensile Strength	kg/cm <sup>2</sup>	ASTM D638	21
Elongation	%	ASTM D638	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. NB-1 foam sheet test G-Value = 6.5, energy return = 16% (SATRA TM142:1992 @25°C)
2. Hardness of NB-1-added foam products do not increase much under low temperature environment. Performs excellent impact absorption ability at temperature around 0 to 10°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

Sport utilities, footwear, protection gear, packaging, physical therapy cushions, and audio equipment, yoga mat etc.

### CERTIFICATIONS

1. SGS PAHs free, Report KE/2012/31716
2. 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.