



HD-1

SLOW REBOUND DAMPING



PROPERTIES

Property	Unit	Standard	Value
MI (190°C@2.16kg)	g/10min	ASTM D1238	2.86
Density	g/cm ³	ASTM D792	1.20 - 1.30
Hardness	Shore A	ASTM D2240	75±2
Tensile Strength	kg/cm ²	ASTM D638	44
Elongation	%	ASTM D638	140
Tear Strength	kg/cm	ASTM D624	35
Softening Point	°C	ASTM D1525	100 - 105

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. HD-1 foam sheet test G-Value = 6, energy return = 2% (SATRA TM142:1992 @25°C)
2. The shock absorption ability performs nicely under room temperature 25°C.
3. The foamed product obtains good recovery after going through high impact.
4. Owns high filler capacity when adding fillers, and still maintain excellent shock absorption ability.
5. Easy processing, easy recycling of scraps and has excellent cost performance.
6. Main compound for foaming for low compression set, low density slow rebound, shock absorb function.

APPLICATIONS

1. Hardness 10 -15C: Sports protective equipment.
2. Hardness 15 -25C: Shape memory foaming.
3. Hardness 30 -40C: Hockey, baseball protective equipment, etc.

CERTIFICATIONS

SGS 8 Heavy Metals Free, Report No. TE/2020/10019

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.

Version 2. 2020.01.02