



MANUFACTURER TESTING

TEST	STANDARD	RESULT	Date
Horizontal burning foamed material	UL-94	Passed	03/2005
Compression % (70°C, 22 hours)	CNS 3560	37	07/2003
Tensile Strength (kgf/cm ²)	CNS 3553	42.1	07/2003
Elongation %	CNS 3553	79	07/2003
Tear Strength (kgf/cm)	CNS 3559	10.6	07/2003
Aging Test (100°C, 70 hours)	CNS 3556		07/2003
- Tensile Strength (kgf/cm ²)		46.3	
- Elongation %		75	
- Tear Strength (kgf/cm)		10.6	
Toluene Detection	Headspace ppm	None Detected	05/2005

Tests performed by SGS and Plastics Industry Development Center

- #3560 - Compression for Vulcanized Rubber
- #3553 - Tension for Vulcanized Rubber
- #3559 - Tear resistance for Vulcanized Rubber
- #3553 - Accelerated aging for Vulcanized Rubber

As there are no established standards for horizontal impact for play areas, we have undertaken unofficial “fall height” testing based on ASTM 1292. The 1" thick material (P-38 Wall Padding) meets the 2' critical fall height requirements. By meeting this standard, the material can safely absorb horizontal shock from children of virtually any age.