

SPECIFICATION SHEET



1. Material is manufactured in North America
2. ISO Certified
3. 100% virgin materials
4. Filler materials are virgin and inorganic in origin
5. Contains no recycled materials
6. Passes Friability EN933-1, EN1097-3, 15330-5
7. Abrasion Resistance 470-580 (mg loss) per DIN 53516
8. Thermal Stability – does not agglomerate at 215° F
9. Passes ASTM E648 Class 1 requirement for Critical Radiant Flux testing
10. Passes FIFA 2015 and World Rugby 2020 UVA 5000 hr testing
11. Passes Heavy Metals F3188, DIN 18035, EPA6020B, ASTM F3496, EPA 6010C
12. Meets European Standard EN71-3 Safety of Toys
13. LC 50 Rainbow Trout Bioassay Testing – yields 100% survival after 96 hrs
14. Passes Storm Water testing for PBDE's, Phthalates, Ozone Depleting Substances, PAH's, Volatile Organic Solvent, CHCC, Chlorinated Phenols, RoHS
15. Passes Leachate SPLP SW846 testing
16. Polyvinyl chloride (PVC) free
17. Bisphenol A (BPA) free
18. Phthalate free
19. Material is SBC (Styrenic Block Copolymer) based
20. Elongation at Break -Min.350 % per ASTM D638
21. Shore Hardness, 58 +/- 2 Shore A per ASTM Test D2240
22. Specific Gravity, 1.45-1.51 g/cm3 per ASTM D792
23. Bulk density: 45 (+/- 3lbs) per cubic ft
24. Infill shape is semi-ovoid produced from underwater extrusion pelletizing process
25. Dust free
26. Odorless
27. 10-16 gradation

TYPICAL SIEVE

ASTM E-11	Ind.% Ret
Sieve NO.	
8	0
10	30.3
12	64.8
14	4.1
16	0.3
18	0.5
Pan	0