

Colorite[®] Elasticchem series

High-performance vinyl compounds

Overview

Elasticchem[®] compounds are flexible vinyl compounds which offer improved physical properties compared to standard extrusion grades of equal durometers. These include increased durability, excellent resilience, good compression set and a soft textured feel. These compounds can be solvent bonded and offer excellent gamma sterilization properties.

Elasticchem compounds are designed to meet the requirements for a USP Class VI plastic. Complete traceability and lot identification of all components are maintained.

Physical properties*

	ASTM	Grade					
		3511GTX**	4511GTX**	5511GTX**	6511GTX**	7511GTX**	8511GTX**
Shore hardness A	D-2240	35	45	55	65	75	85
Specific gravity	D-792	1.14	1.17	1.17	1.19	1.22	1.25
Tensile strength, psi	D-638	1000	1260	1790	2150	3000	3800
Elongation %	D-638	200	320	455	750	1400	1800
100% modulus, psi	D-638	525	450	465	475	360	300

*Typical properties. These are not to be construed as specifications.

**Also available in TX versions

For additional information, please [contact us](#).

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