

Colorite[®] 66 series

Extrusion and injection molding compounds
 (non-phthalate)

Overview

Colorite[®] 66 series is a family of vinyl compounds specially formulated for medical device applications where the use of citrate-based, non-phthalate plasticizer is desirable. Raw materials used to formulate this product line comply with Title 21 of the Code of Federal Regulations.

Colorite 66 series compounds are designed to be injection molded or extruded and are available in durometers ranging from 50 to 95 Shore A hardness. These citrate formulations possess a low odor characteristic and are available in both ethylene oxide and gamma radiation sterilizable grades.

Physical properties*

	ASTM	Grade									
		5066	5566	6066	6566	7066	7566	8066	8566	9066	9566
Shore hardness A	D-2240	50	55	60	65	70	75	80	85	90	95
Specific gravity	D-792	1.21	1.22	1.23	1.24	1.25	1.27	1.28	1.29	1.29	1.33
Tensile strength, psi	D-638	1200	1300	1500	1900	2300	2550	2650	2900	3200	3500
Elongation %	D-638	475	425	370	360	355	350	330	300	280	250
100% modulus, psi	D-638	340	340	600	650	1000	1150	1400	2000	2200	2400

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

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

Colorite[®] is a trademark of Tekni-Plex.

DISCLAIMER: The information set forth herein is subject to change without notice and should not be used as a substitute for your own independent investigation and business judgment. No intellectual property rights are conveyed hereby. TEKNI-PLEX DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.

©2020 TEKNI-PLEX. 06/20