

INJECTION MOLDING COMPOUNDS

These vinyl compounds are engineered for excellent heat stability, high output, high gloss and clarity, high impact, high flow and are available in custom colors.

Typical Physical Properties

	ASTM	2401*	2401H*	2501	2502	2503	2690 CLR
Shore D hardness	D-2240	80	78	78	81	80	74
Specific Gravity	D-792	1.43	1.39	1.33	1.48	1.46	1.36
Tensile Strength, psi	D-638	5800	5200	6600	6600	5000	6600
Izod Impact Strength (ft.-lbs./inch)	D-638	0.8	20	10	2.0	16	2.25
Heat Distortion Temperature, °F	D-648	162	162	162	161	160	158
Color/Clarity	***	Opaque	Opaque	Opaque	Opaque	Opaque	Clear
Process Type	***	Injection Molding	Injection Molding	Injection Molding	Injection Molding	Injection Molding	Injection Molding
Application	***	Fittings, pools, spas	Fittings, fluid handling	Exterior General Purpose	Exterior General Purpose	Exterior General Purpose	Vials, Bottles, packaging & transparent molded parts
Features	***	Type I, Grade I, UL94V-0, NSF 61, Normal impact, Medium flow	Type I, Grade II, UL94V-0, High impact, Medium flow	Exterior, High Impact Medium flow, Excellent Weatherability	Exterior, Normal Impact High Flow Excellent Weatherability	Exterior, High Impact High Flow Excellent Weatherability	FDA Excellent flow, clarity & stability, Low gate blushing

Although 2401 and 2401H are engineered to meet UL requirements Colorite has not yet submitted them for registration. If UL listing is required Colorite will submit for registration.