

MEDICAL RIGID FORMULATIONS

These vinyl compounds are designed for extrusion and injection molding applications within the medical industry. These rigid compounds can be designed for the production of medical devices that require gamma sterilization or ETO. Custom color matching capabilities are available.

TYPICAL PHYSICAL PROPERTIES

	ASTM	10012G-015	1124-03	10013G-015	1127A-012	10014G-015	93-1074C-2	1118G-WHITE 532
Shore Hardness (D)	D-2240	72	75	76	76	75	75	76
Specific Gravity	D-792	1.35	1.34	1.33	1.34	1.36	1.33	1.33
Tensile Strength, psi	D-638	6370	5800	5760	5800	6290	5200	4000
Izod Impact Strength, (ft-lbs/in)	D-256	0.75	10.2	0.75	0.85	0.50	2.20	10.0
Heat Distortion Temperature	D-648	125°F @ 264 psi	152°F @ 264 psi	110°F @ 264 psi	125°F @ 264 psi	119°F @ 264 psi	140°F @ 264 psi	151°F @ 264 psi
Sterilization Type		Gamma	ETO	Gamma	ETO	Gamma	ETO	Gamma