

EX-ALLOY 5000 – PRIME GRADE

Ex-Tech Plastics' Ex-Alloy 5000 is a high gloss, thermoforming grade rigid vinyl sheet. Because of its strength and elasticity, you'll find Ex-Alloy is an excellent solution for medical and folding box packaging. Like all Ex-Tech brand PVC, Ex-Alloy 5000 is chemical resistant and self-extinguishing.

Ex-Tech Brand PVC Ex-Alloy 5000	Value	Unit	Test Method
General Properties			
Specific Gravity	1.34	gm/cm ³	ASTM D 792
Color	Blue tint		
Gloss (Gardner 20°)	85		
Mechanical Properties			
Tensile Strength	7000	psi	ASTM D 638
Elongation	100	%	ASTM D 638
Elastic Modulus	400,000	psi	ASTM D 638
Cold Impact	-35°	°C	ASTM D 1790
Notched Izod	2.69	ft-lb/in.	SOP-MEC-002.01
Thermal Properties			
Heat Distortion Temperature	64°	°C	ASTM D 648
Flammability	Self-extinguishing		

Ex-Tech Value-Added Services

- Custom colors
- Sheeting
- Slitting

