

EX-ALLOY 5100 – FDA

Ex-Tech Plastics Ex-Alloy 5100 sheet conforms to FDA standards for food and medical packaging. With superior cold crack performance and excellent clarity, Ex-Alloy 5100 gives your products the appearance and durability needed to ensure product value and integrity.

Ex-Tech Brand PVC Ex-Alloy 5100	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

