

Vistel 9145/UV-6232

Vistel 9145/UV-6232 is a normal-flow rigid PVC compound designed for injection molding applications requiring excellent weathering characteristics, high impact, and good physical properties. Vistel 9145/UV-6232 is available in a variety of weatherable colors; however, the natural color is not weatherable as is.

General Properties	Test Method	Value ¹
Specific Gravity	ASTM D-792	1.34
Mechanical Properties	Test Method	Value ¹
Tensile Strength, psi	ASTM D-638	5,800
Tensile Modulus, psi	ASTM D-638	330,000
Flexural Strength, psi	ASTM D-790	8,800
Flexural Modulus, psi	ASTM D-790	310,000
C" Izod Impact at 23°C, ft-lbs/in	ASTM D-256	25.0
C" Izod Impact at 0°C, ft-lbs/in	ASTM D-256	19.0
C" Izod Impact at -18°C, ft-lbs/in	ASTM D-256	1.5
¼" Izod Impact at 23°C, ft-lbs/in	ASTM D-256	20.0
Thermal Properties	Test Method	Value ¹
Heat Deflection Temperature at 264 psi, °C/°F Annealed Unannealed	ASTM D-648	74/165 66/151
Heat Deflection Temperature at 66 psi, °C/°F Annealed Unannealed	ASTM D-648	174/79 163/73