



Material Specifications

Rigid PVC Homopolymer compound. Modified for cold weather impact retention. High level of Titanium

Dioxide pigment throughout the entire extrusion for long term ultraviolet light resistance.

Cell Classification – ASTM D-4216 1-43332-32-0000

Cell Classification – ASTM D-1784 14344B

Typical values

ASTM D256 Izod Impact (Ft. lbs./inch notch) 23°C-5.0 0°C-2.0

ASTM D638 Tensile Strength 6,500 psi

ASTM D638 Tensile Modulus 545,000 psi*

ASTM D648 Deflection Temp. 71°C

ASTM D4226 Drop Dart Procedure A 2.51 (in.-lb/mil)

ASTM D4226 Drop Dart Procedure B 4.50 (in.-lb/mil)

ASTM D695 Compressive (Yield) Strength 8,780 psi

ASTM D696 Thermal Expansion 4.4 x 10⁻⁵ in./in./°F

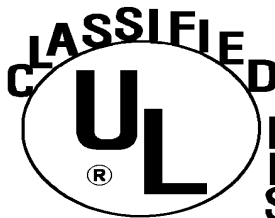
ASTM D732 Shear Strength 6,780 psi

ASTM D790 Flexural Strength 11,400 psi

*Tensile Modulus should be used for design purposes with caution. Values listed are representative for short term

loading (such as livestock pushing on fence). The long term creep characteristics under continuous loading are unknown.

NEBRASKA PLASTICS



**MOLDED PLASTICS
FIRE RESISTANCE CLASSIFICATION
DESIGN NOS. U026, U032, U301, U425
SEE UL FIRE RESISTANCE DIRECTORY
< 62VM >**

**MOLDED PLASTIC
SURFACE BURNING CHARACTERISTICS +
FLAME SPREAD 15
SMOKE DEVELOPED OVER 500
< 62VM >**