



TECHNICAL DATA SHEET

Specially formulated exterior grade, high impact, rigid PVC profile extrusion powder compound.

TYPICAL PROPERTIES

All tests run at 23°C (73°F) except where indicated.

<u>GENERAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>ENGLISH VALUES</u>
TiO ₂ Conter (UV protection)		10 parts per 100
Specific Gravity, +or - .02	ASTM D 792	1.45
Hardness-Durometer D, + or - 3	ASTM D 2240	83
Heat Deflection Temperature at 1.82 Mpa (264 psi) unannealed	ASTM D 648	154 °F
coefficient of linear expansion	ASTM D 696	3.35 10 ⁻⁵ in/in,°F

TENSILE PROPERTIES

Strength	ASTM D 638	6,500 psi
Modulus	ASTM D 638	397,000 psi

FLEXURAL PROPERTIES

Strength	ASTM D 790	10,940 psi
Modulus	ASTM D 790	363,000 psi

IMPACT STRENGTH

Notched Izod at 23°C (73°F) with 1/8" thick samples	ASTM D 256	21.8 ft-lb/inch
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DROP IMPACT RESISTANCE

0.125 inch Conical Dart Minimum Failure Energy (Procedure A) at 23°C (73°F)	ASTM D 4226 Extruded at 385°F Melt Temperature	2.0 in-lb/mil
Brittle-ductile failure energy (Procedure A) at 23°C (73°F)		5.0+ in-lb/mil