



TECHNICAL DATA SHEET

Rigid

HHP-190

DESCRIPTION/ APPLICATION

HHP-190 is an Axial specialty purpose rigid PVC-alloy building products profile extrusion compound designed for applications requiring the following properties: UV color stability, impact strength and toughness, chemical resistance, heat resistance, and thermal stability, dimensional stability, and colorability for the natural version.

GENERAL PROPERTIES

	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.27	ASTM D-792
Hardness, Rockwell R	110	ASTM D-785
Hardness Delayed 10 sec, Shore D (+/-3)	80	ASTM D-2240

MECHANICAL PROPERTIES

	VALUE	METHOD
Tensile Yield Strength, psi	6,700	ASTM D-638
Tensile Modulus, psi	350,000	ASTM D-638
Flexural Strength, psi	11,100	ASTM D-790
Flexural Modulus, psi	350,000	ASTM D-790
Tensile Impact, ft-lbs/in ²	46	ASTM D-1822
Gardner Impact, 23°C ½" R Tup	3.0 in-lbs/mil	ASTM D-4226, A
1/8" Notched Izod Impact	10.0 ft-lbs/in @ 23°C	ASTM D-256

OTHER PROPERTIES

	VALUE	METHOD
Heat Deflection Temperature, °C annealed	87.8 @ 264 psi	ASTM D-648
Heat Deflection Temperature, °C unannealed	77.7 @ 264 psi	ASTM D-648
Flame Class	V-0 @ 0.043 in	UL-94
Cell Classification	15335	ASTM D-785

Revision Date: 01/11/2016

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