



# TECHNICAL DATA SHEET

Rigid

# 8247

## DESCRIPTION/ APPLICATION

8247 is a rigid extrusion PVC compound for interior applications where transparency is critical. The 8247 compound is characterized by excellent physical properties and easy processing and also contains UV inhibitor to retard deterioration. 8247 is widely used for clear profiles such as furniture trim, shower doors and protected jalousie windows. It is available in a neutral pale green tint and is easily colored by concentrates. Twin-screw machines may be used to convert 8247.

GENERAL PROPERTIES	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness, Rockwell R	112	ASTM D-785
Hardness Delayed 10 sec, Shore D (+/-3)	79	ASTM D-2240

MECHANICAL PROPERTIES	VALUE	METHOD
Tensile Strength, psi	6,500	ASTM D-638
Tensile Modulus, psi	380,000	ASTM D-638
Tensile Impact, ft-lbs/in <sup>2</sup>	89	ASTM D-1822
Flexural Strength, psi	11,800	ASTM D-790
Flexural Modulus, psi	380,000	ASTM D-790
<sup>1</sup> / <sub>8</sub> " Notched Izod Impact	12 ft-lbs/in @ 23°C	ASTM D-256

OTHER PROPERTIES	VALUE	METHOD
Heat Deflection Temperature, °C	72 @ 264 psi	ASTM D-648
Cell Classification	14443333	ASTM D-4216
UL Flammability Rating	V-0	UL-94

Revision Date: 10/23/2015

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