

## TYPICAL DATA SHEET\*

### ACRILONITRILE BUTADIENE STYRENE “ABS”

#### VH0800D

In addition to the typical features of general purpose ABS grades, VH0800D is specially formulated with flame retardant chemicals to have the self-extinguish ability making it much safer for the use in the electrical & electronics applications with the most widely accepted fire safety standards. VH0800D has excellent balance of mechanical properties and process ability. Mold shrinkage is around 0.4% -0.6%

**Applications:** TV Monitor, Wiring devices

**Drying:** Drying prior to processing is recommended in a desiccant de humidifying hopper dryer. An inlet air dew point of 20°F (-29°C) or below is recommended to achieve a moisture content 0.1%. Typical drying conditions are 2 hours at 180°-190°F (82° - 88°C). Drying for 4 hours at 160° - 170°F (71°-77°C) is also adequate.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (200°C/5KG)	GR/10MIN	ASTM D-1238	5.8
IZOD IMPACT STRENGTH	KJ/M2	ASTM D-256	15.5
VICAT SOFTENING POINT(50N LOAD)	°C	ASTM D-1525	85
BULK DENSITY	KG/M3	-	600
TENSILE STRENGTH AT YEILD	KGF/CM2	ASTM D-638	400
ROCKWELL HARDNESS(AT 23°C)	R.SCALE	ASTM D-785	99

\*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.