

	TYPICAL DATA SHEET*	ISSUE DATE	May-2021
	ACRILONITRILE BUTADIENE STYRENE "ABS"	WWW.TPCO.IR	
	VH0800D	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612	

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. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)