

## MATERIALS SPECIFICATIONS

**PLASTIC:** ALL PLASTIC PARTS SHALL BE INJECTION MOLDED. PLASTIC SHALL BE A REINFORCED **OLEFIC** POLYMER IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D2853-70, CLASS 1212, REINFORCED WITH A FIBROUS INORGANIC COMPONENT AND STABILIZED WITH CARBON BLACK TO PREVENT MATERIAL DEGRADATION FROM ULTRA-VIOLET LIGHT

## PHYSICAL PROPERTIES

	TEST METHOD-ASTM	MIN TEST VALUES
Tensile Strength (2.0" Min.)	D-638	3400 PSI
Impact Strength I 20 D	D-256	0.6 Ft. Lb./In.
Durometer Hardness, Type D	D-2250	60
Deflection Temperature - 66 PSI Stress	D-648	230° F
Specific Gravity	D-792	1.15

NOTE: SPECIAL ALLOWANCES SHALL BE MADE IF TEST SECTION IS CUT FROM FINISHED PRODUCT

CAST IRON: CAST IRON SHALL CONFORM TO ASTM A-48, CLASS 30B

<b>PHILADELPHIA WATER DEPARTMENT</b>	<b>STANDARD 7" VALVE BOX MATERIALS SPECIFICATIONS</b>		
	DRAWN BY:	D&B GUARINO	DATE: FEB. 2022
	CHECKED BY:	WD	DETAIL ID: VALVE-13-B      REV.: 0