Flametec™ CP7-D

Is a proprietary designation for a flame retardant polypropylene formulation. CP7-D represent our version of polypropylene sheet whose flame retardant characteristics meet or exceed the most rigorous FMRC 4910 testing standards for most aspects of flame retardation, self-extinguishing characteristics and burn through. In addition, CP7-D also meets or exceeds test standards for low smoke generation and minimal toxic by-products.

*** Note: not to be used in direct acid exposure**

Key Benefits

- Impact Strength — Flexibility and strength of designs vs. other FRPP products.
- Weldability — Easy to fabricate with conventional welding equipment
- Economics — The most economical alternative for fire safe construction.
- Fire Safe — Listed in accordance to FMRC 4910, fire safe materials for clean room construction.
- Extruded Sheet — Offers the best gauge consistency, surface and tolerances.

Color	Finish	Thickness	Width	Length

Property	Units	Value	ASTM Method
Physical			
Density @23 C°	g/cm3	1.38	D 792
Mechanical			
Tensile Strength	psi	2500	D 638
Elongation at Yield	%	4.0	D 638
Flex Modulus	psi	450,000	D 790
Izod Impact (notched 1/8 in.	ft-lb/in	10.1	D 256
Hardness (Shore D)	10 sec.	67	D 785
Corner Weld Strength	lbs/linear inch	467	CPG Test
Thermal			
Heat Deflection temperature	66 psi	248 Deg. °F	D 648
Vicat Softening Point	1 kg	299 Deg. °F	D 1525
Flammability			
Factory Mutual	FPI	<4.2*	File #3D7Q7.AM
	SDI	<0.01*	
	CDI	<0.1*	–
	TRP	>581*	–
Flammability Rating	ETL Labs	V-0	per UL 94 Test
	ETL Labs	5VA	per UL 94 Test
Flammability Rating	ETL Labs	<25 flame	E84 Tunnel Test
	ETL Labs	<100 smoke	Meets Class A

* FPI, SDI/CDI all FMRC test data