

	Flametec Cleanroom PVC-C	Flametec CP5 Flame Retardent Polypropylene	Flametec CP7-D	Flametec Kytac PVDF
Physical				
Density (g/cm ³)	1.5	0.99	1.38	1.78
Absorption	0.03	Max.0.01%	-	Max.0.01%
Hardness, Shore D	85	65	67	78
Mechanical				
Tensile Strength @ Yield (psi)	4,600	3,500	2,500	6,500
Flexural Modulus (psi)	400,000	135,000	450,00	250,00
Notched Izod Impact (ft-lb/in)	3	17	10.1	2
Elongation at Yeild (%)	4	10	4	10
Thermal				
Vicat Softening Point (°C)	190	129	298	167
Heat Deflection Temperature @ 66 psi (°C)	-	86	248	270
Coefficient of Linear Thermal Expansion (In./In.°C)	3.3x10 ⁻⁵	6.5x10 ⁻⁵	-	10x10 ⁻⁵
Maximum Service Temperature, Air (°C)	-	180	180	-
Melt Index (g/cm ³)	-	1.5	-	-
Flammability Ratings				
Flammability Rating	FM-4910	UL94-VO	FM-4910	FM-4910
Compliances				
Compliances (VO)	Factory Mutual listed product	ETL Labs	Factory Mutual listed product	Factory Mutual listed product



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