

FLAMETEC™ CP-5 FLAME RETARDENT POLYPROPYLENE

TYPICAL PHYSICAL PROPERTIES	Nominal Value	Units	ASTM Test Method
Melt Index	1.5	g/cm ³	D 1238
Density	0.99	g/cm ³	D 1238
Tensile Strength @ Yield	3,500	psi	D 638
Elongation at Yeild	10	%	D 638
Coefficient of Linear Thermal Expansion	6.5x10 ⁻⁵	In./In.°C	D696
Flexural Modulus	135,000	psi	D 790
Notched Izod Impact	17	fl-lb/in	D 256
Low Temperature Brittleness F ₅₀			
Heat Deflection Temperature @ 66 psi	86	°C	D 648
Maximum Service Temperature, Air	180	°C	Long Term
Vicat Softening Point	129	°C	D 1525
Hardness, Shore D	65		D 2240
Absorption	Max.0.01%		D 5709(2)
Flammability Rating	UL94-VO		UL94-VO
Compliances	ETL Labs	VO	per UL 94 Test



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