

VYCOM FLAMETEC[®] CP-5 FLAME RETARDANT POLYPROPYLENE

FLAMETEC[®] CP-5 is formulated for fire safety in cleanroom applications. It provides a more competitive alternative when a factory mutual listing is not required.

APPLICATIONS

Laminar air flow stations,
biological safety cabinets,
cleanroom accessories,
fume hoods

TYPICAL PROPERTIES*

PROPERTY	TEST METHOD	UNITS	VALUES
PHYSICAL			
Density	ASTM D 792	g/cm ³	0.99
Shore Durometer	ASTM D 2240	D	65
Water Absorption	ASTM D 570	%	0.01
MECHANICAL			
Tensile Strength	ASTM D 638	psi	3,500
Elongation at Yield	ASTM D 638	%	10
Flexural Modulus	ASTM D 790	psi	135,000
Notched Izod Impact	ASTM D 256	ft-lb/in	17
THERMAL			
Coefficient of Linear Expansion	ASTM D 696	in/in/°C	6.5 x 10 ⁻⁵
Heat Deflection Temperature @ 66 psi	ASTM D 648	°F	186
Vicat Softening Point	ASTM D 1525	°F	264
FLAMMABILITY			
Vertical Burn Test	UL 94**	-	V-0

*Typical properties are not intended for specification purposes.

**Meets UL 94 criteria.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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PLASKOLITE

400 W Nationwide Blvd, Suite 400
Columbus, OH 43215
800.848.9124 • Fax: 877.538.0754
plaskolite@plaskolite.com
www.plaskolite.com

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(775) 358-8211

745 E. Greg St. #6, Sparks, NV 89431

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