

Data Sheet



POLYCARBONATE – APEX™

GRADE	Melt Flow Index (300°C/1.2kgf)	Specific Gravity	Tensile Strength (Break)	Tensile Elongation (Break)	Flexural Strength	Flexural Modulus	Notched Izod Impact	Deflection temperature under load	Flammability Standard
Method	ASTM D1238	ASTM D792	ASTM D638	ASTM D638	ASTM D790	ASTM D790	ASTM D256	ASTM D648	UL-94
Unit	g/10 min	–	MPa kgf/cm ² lbf/in ²	%	MPa kgf/cm ² lbf/in ²	MPa kgf/cm ² lbf/in ²	J/m kgf·cm/cm ft·lbf/in	°C °F	
SLB	21	1.2	62 640 9100	110	88 900 12800	2160 22000 313000	760 78 14	130 266	V-2 1/16" equivalent V-2 1.5mm equivalent
LB	16	1.2	62 640 9100	110	88 900 12800	2160 22000 313000	800 82 15	133 271	V-2 1/16" equivalent V-2 1.5mm equivalent
HMB	7	1.2	61 630 8950	100	85 870 12350	2160 22000 313000	860 88 16	135 275	V-2 1/16" equivalent V-2 1.5mm equivalent
FR2030	16	1.2	61 630 8950	105	88 900 12800	2160 22000 313000	785 80 14	130 266	UL-94 V-0 1/8 " UL-94 V-0 3mm

*Above data is for reference purpose, and not for guaranteed data.



QMZZ.E227446 - Plastics - Component



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APEX JAPAN CO LTD

1-3-14 TOZUKA-MENAMI

KAWAGUCHI-SHI, SAITAMA-KEN 333-0817 JAPAN

E227446

		Min.	H	H				H	D	
		Thk	Flame	W	A	Elec	Mech	T	9	T
Material Dsg	Color	mm	Class	I	I	Imp	Str	R	S	I
Polycarbonate (PC), furnished as pellets.										
AJ(a)	CL	1.5	V-2	-	-	80	80	80	-	-
APEX-FR(b)(c)	CL	2.5	V-0	-	-	80	80	80	-	-
		3.0	V-0	-	-	80	80	80	-	-

(a) - A three digit number 180 - 240 denoting the molecular weight of the above grade.

(b) - A two digit number 18 - 24.

(c) - A two digit number 25 - 50.



株式会社 エーペックス ジャパン

Marking: Company name or trademark and material designation on container, wrapper or finished part.

Last Updated on 2017-03-03



*Pellet photo : LB grade

* Flammability Cert : UL94 V-0 V-2