

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
Method	ASTM D1238	ASTM D792	ASTM D638	ASTM D638	ASTM D790	ASTM D790	ASTM D256	ASTM D648
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 31300	760 78 14	130 266
LB	16	1.2	62 640 9100	110	88 900 12800	2160 22000 31300	800 82 15	133 271
HMB	7	1.2	61 630 8950	100	85 870 12350	2160 22000 31300	860 88 16	135 275
FR2030	16	1.2	61 630 8950	105	88 900 12800	2160 22000 31300	785 80 14	130 266

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



*Pellet photo : LB grade

QMFZ2.E227446 - Plastics - Component



ONLINE CERTIFICATIONS DIRECTORY

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APEX JAPAN CO LTD
1-3-14 TOZUKA-MINAMI
KAWAGUCHI-SHI, SAITAMA-KEN 333-0817 JAPAN

Material Dsg	Color	Thk mm	Flame Class	H		R T I		
				W	A	Elec	Mech	
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 シ

Marking: Company name or trademark and material designation on container, wrapper or finished part.
Last Updated on 2017-03-03

* Flammability Cert : UL94 V-0 V-2

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