

Dynacom DA5004

Polycarbonate + ABS

Dynachem Co. Ltd.

Message:

Dynacom DA5004 is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific. Primary attribute of Dynacom DA5004: Flame Rated.

General Information			
UL YellowCard	E164708-224836		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow ¹	0.50 to 0.70	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	47.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	120	%	ASTM D638
Flexural Modulus ⁴	2450	MPa	ASTM D790
Flexural Strength ⁵	76.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	97.0	°C	ASTM D648
Vicat Softening Temperature	122	°C	ASTM D1525 ⁶
Flammability	Nominal Value		Test Method
Flame Rating (1.45 mm)	V-0		UL 94
NOTE			
1.	Thickness: 2 to 3 mm		
2.	5.0 mm/min		
3.	5.0 mm/min		
4.	3.0 mm/min		
5.	3.0 mm/min		
6.	Loading 1 (10 N)		

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