

Dynacom 301-G15

Polyamide 66

Dynachem Co. Ltd.

Message:

Dynacom 301-G15 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific. Primary attribute of Dynacom 301-G15: Flame Rated.

General Information				
UL YellowCard		E164708-224843		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.23	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.90 to 1.5	--	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.0	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	120	--		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength ²	113	83.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	5.0	7.0	%	ASTM D638
Flexural Modulus ⁴	5200	3430	MPa	ASTM D790
Flexural Strength ⁵	176	108	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	68	--	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	225	--	°C	ASTM D648
Vicat Softening Temperature	240	--	°C	ASTM D1525 ⁶
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	1.0E+12	ohms·cm	ASTM D257
Dielectric Strength (1.00 mm)	20	17	kV/mm	ASTM D149
Arc Resistance	120	--	sec	ASTM D495
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating	HB	HB		UL 94
Additional Information	Dry	Conditioned	Unit	
Conditioned Moisture Content	--	2.0	%	
NOTE				
1. Thickness: 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)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

