

Dynacom 401-G30

Polyamide 6

Dynachem Co. Ltd.

Message:

Dynacom 401-G30 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific. Primary attribute of Dynacom 401-G30: Flame Rated.

General Information				
UL YellowCard		E164708-224838		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.36	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.30 to 0.80	--	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.1	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	121	--		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength ²	147	103	MPa	ASTM D638
Tensile Elongation ³ (Break)	5.0	5.0	%	ASTM D638
Flexural Modulus ⁴	7840	4700	MPa	ASTM D790
Flexural Strength ⁵	225	137	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	120	190	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	--	°C	ASTM D648
Vicat Softening Temperature	225	--	°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	18	kV/mm	ASTM D149
Arc Resistance	130	135	sec	ASTM D495
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating	HB	HB		UL 94
Additional Information	Dry	Conditioned	Unit	
Conditioned Moisture Content	--	2.5	%	
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)

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

