

Dynacom XK4839

Polypropylene Copolymer

Dynachem Co. Ltd.

Message:

Dynacom XK4839 is a Polypropylene Copolymer (PP Copolymer) material. It is available in Asia Pacific. Primary attribute of Dynacom XK4839: Flame Rated.

General Information			
UL YellowCard	E164708-224856		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow ¹	1.3	%	ASTM D955
Water Absorption (23°C, 24 hr)	< 0.020	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	30.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	30	%	ASTM D638
Flexural Modulus ⁴	2350	MPa	ASTM D790
Flexural Strength ⁵	44.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
Vicat Softening Temperature	157	°C	ASTM D1525 ⁶
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength (1.00 mm)	40	kV/mm	ASTM D149
Arc Resistance	130	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
NOTE			
1.	Thickness: 2 to 3 mm		
2.	50 mm/min		
3.	50 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

