

Amilan® CM3304-V0

Polyamide 66
Toray Resin Company

Message:

Amilan® CM3304-V0 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
Flame Rated
Flame Retardant

General Information				
UL YellowCard		E41797-233451		
Additive		Flame Retardant		
Features		Flame Retardant		
		Halogenated		
Part Marking Code		>PA66-FR<		
Physical	Dry	Conditioned	Unit	Test Method
Density (23°C)	1.31	--	g/cm ³	ISO 1183
Molding Shrinkage - Flow				Internal Method
1.00 mm ¹	0.60 to 0.80	0.60 to 0.80	%	
3.00 mm ²	1.0 to 1.4	1.0 to 1.4	%	
Water Absorption				ISO 62
23°C, 24 hr	1.2	--	%	
Saturation, 23°C	8.0	--	%	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	120	--		ISO 2039-2
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (23°C)	75.0	55.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.5	6.0	%	ISO 527-2
Flexural Modulus (23°C)	2900	1300	MPa	ISO 178
Flexural Stress (23°C)	110	60.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	9.5	kJ/m ²	ISO 179
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature	244	--	°C	DSC
CLTE - Flow	1.0E-4	--	cm/cm/°C	ISO 11359-2
Electrical	Dry	Conditioned	Unit	Test Method
Volume Resistivity	1.0E+15	--	ohms · cm	IEC 60093
Electric Strength	25	--	kV/mm	IEC 60243-1
Flammability	Dry	Conditioned	Unit	Test Method

Flame Rating (0.794 mm)	V-0	--	UL 94
NOTE			
1.	80x80x1mm		
2.	80x80x3mm		

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

