

				TENAC™													
				High Viscosity		High-Durability High Viscosity	High-Durability Medium Viscosity	Medium Viscosity			Impact-Resistant Soft	Medium Viscosity High-Cycle	High Flowability	High Flowability High-Cycle		Super High Flowability	
		Test method	Units	Condition	2010	3010	MG210	4050	4010	4060	5010	4012	5050	7010	7050	7054	9054
Mechanical	Density	ISO 1183	g/cm3		1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
	Moisture Regain	ISO 62	%														
	Yield Stress	ISO 527	MPa	23°C50%RH	69	71	75	76	72	72	73	66	73	73	73	74	74
	Tensile Strain at Yield	ISO 527	%	23°C50%RH													
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH													
	Tensile Strain at Break	ISO 527	%	23°C50%RH	70	65	50	35	50	40	35	40	30	25	25	25	15
	Tensil Modulus	ISO 527	MPa	23°C50%RH	2900	3100	3400	3300	3200	3000	3400	2900	3400	3400	3400	3400	3500
	Flexural strenght	ISO 178	MPa	23°C50%RH													
	Flexural Modulus	ISO 178	GPa	23°C50%RH													
	Notched Charpy Impact Strength	ISO 179	KJ/m2		15	13	10	11	10	9	8	10	7	7	6	6	4
	Charpy Impact Strength	ISO 179	KJ/m2														
	Rockwell Hardness (R scale)	ISO 2039															
Rockwell Hardness (M scale)	ISO 2039																
Thermal	Linear Expansion Coefficient	ISO 11359	× 10 ⁻⁵ mm/mm/°C														
	Deflection Temperature Under Load (1.82MPa)	ISO 75	°C		100	100	103	110	105	100	105	80	105	105	105	105	
	Deflection Temperature Under Load (0.45MPa)	ISO 75	°C		163	163	167	165	165	163	165	151	165	165	165	165	
Flammability	UL-94(1/16 in)	UL-94	Rank	1.6mm	1.5mmt HB	1.5mmt HB	-	-	1.5mmt HB	-	1.5mmt HB	1.5mmt HB	1.5mmt HB	1.5mmt HB	1.5mmt HB	1.5mmt HB	-
	UL-94(1/32 in)	UL-94	Rank	0.8mm	0.8mmt HB	-	-	0.75mmt HB	-	0.75mmt HB	-	0.84mmt	0.75mmt HB	0.71mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB
	UL94-5VA	UL94-5VA	mm		-	-	-	-	-	-	-	-	-	-	-	-	
Electricals	Tracking Resistance	IEC 60112		3mm	-	-	-	-	-	-	-	-	-	-	-	-	
	Dielectric Strength	IEC 60243	KV/mm		-	-	-	-	-	-	-	-	-	-	-	-	
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	-	-	-	-	-	-	-	-	-	-	-	-	
	Volume Resistivity	IEC 60093	Ω · cm	23°C50%RH	-	-	-	-	-	-	-	-	-	-	-	-	
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-	-	-	-	-	-	-	-	-	-	-	
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	-	-	-	-	
	Permittivity	IEC 600250		100HZ	-	-	-	-	-	-	-	-	-	-	-	-	
	Permittivity	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	-	-	-	-	
Physicals	Mold shrinkage (Flow / Right-angle)	Asahi Kasei	%		1.8~2.2	1.8~2.2	1.7~2.1	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.7~2.1	1.8~2.2	1.7~2.1	1.7~2.1	1.7~2.1
	Mold shrinkage (Flow / Right-angle)	ISO 294-4	%														
Physicals	Refractive Index	ISO 489															
	Transmission	ISO 13468-1															
	Melt Flow Rate	ISO 1133	g/10min		1.7	2.8	1.7	7	10	16	22	10	21	34	34	39	70

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				TENAC™-C												
				High Viscosity	Medium Viscosity		High Flowability		High Flowability High-Cycle	HC Series			Low abrasional attacking		High-Lubricity soft	
		Test method	Units	Condition	3510	4520	5520	7520	8520	7554	HC450	HC550	HC750	HC460	HC760	SQ454
Mechanical	Density	ISO 1183	g/cm3		1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.10
	Moisture Regain	ISO 62	%													
	Yield Stress	ISO 527	MPa	23°C50%RH	63	66	66	67	67	66	69	70	71	69	70	34
	Tensile Strain at Yield	ISO 527	%	23°C50%RH												
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH												
	Tensile Strain at Break	ISO 527	%	23°C50%RH	60	55	50	45	30	30	55	50	45	55	48	110
	Tensil Modulus	ISO 527	MPa	23°C50%RH	2650	2800	2850	2850	2900	2850	3100	3150	3200	3000	3100	1340
	Flexural strenght	ISO 178	MPa	23°C50%RH												
	Flexural Modulus	ISO 178	GPa	23°C50%RH												
	Notched Charpy Impact Strength	ISO 179	KJ/m2		9	7	6	5	4.5	4	7	6	5	7	6	5
	Charpy Impact Strength	ISO 179	KJ/m2													
	Rockwell Hardness (R scale)	ISO 2039														
Rockwell Hardness (M scale)	ISO 2039															
Linear Expansion Coefficient	ISO 11359	× 10 ⁻⁵ mm/mm/°C														
Thermal	Deflection Temperature Under Load (1.82MPa)	ISO 75	°C		95	100	100	104	105	100	105	105	105	102	103	74
	Deflection Temperature Under Load (0.45MPa)	ISO 75	°C		156	156	156	157	156	157	160	160	161	158	159	152
Flamma bility	UL-94(1/16 in)	UL-94	Rank	1.6mm	1.5mmt HB	1.5mmt HB	1.5mmt HB	1.5mmt HB	-	-	-	-	-	-	-	-
	UL-94(1/32 in)	UL-94	Rank	0.8mm	0.81mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	0.80mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	1.0mmt HB
	UL94-5VA	UL94-5VA	mm		-	-	-	-	-	-	-	-	-	-	-	-
Electricals	Tracking Resistance	IEC 60112		3mm	-	-	-	-	-	-	-	-	-	-	-	-
	Dielectric Strength	IEC 60243	KV/mm		-	-	-	-	-	-	-	-	-	-	-	-
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	-	-	-	-	-	-	-	-	-	-	-	-
	Volume Resistivity	IEC 60093	Ω · cm	23°C50%RH	-	-	-	-	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-	-	-	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		100HZ	-	-	-	-	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	-	-	-	-
Mold shrinkage (Flow / Right-angle)	Asahi Kasei	%		1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	
Mold shrinkage (Flow / Right-angle)	ISO 294-4	%														
Physica ls	Refractive Index	ISO 489														
	Transmission	ISO13468-1														
	Melt Flow Rate	ISO 1133	g/10min		2.8	9	15	30	45	30	8	15	30	8	30	5

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				TENAC™ -C Low-VOC Grades								
				Standard grades		HC Series	Weather-resistant		High-Luricity	Low abrasional attacking	High Flowability High Stiffness	
				Z3510	Z4520	ZH450	Z4513	Z4563	ZLV40	ZH760	ZLD75	
		Test method	Units	Condition								
Mechanical	Density	ISO 1183	g/cm3		1.41	1.41	1.41	1.41	1.41	1.39	1.41	1.52
	Moisture Regain	ISO 62	%									
	Yield Stress	ISO 527	MPa	23°C50%RH	63	66	69	65	64	60	70	55
	Tensile Strain at Yield	ISO 527	%	23°C50%RH								
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH								
	Tensile Strain at Break	ISO 527	%	23°C50%RH	60	55	55	50	50	25	48	10
	Tensil Modulus	ISO 527	MPa	23°C50%RH	2650	2800	3100	2700	2650	2700	3100	3600
	Flexural strenght	ISO 178	MPa	23°C50%RH								
	Flexural Modulus	ISO 178	GPa	23°C50%RH								
	Notched Charpy Impact Strength	ISO 179	KJ/m2		9	7	7	7	6	4	6	3
	Charpy Impact Strength	ISO 179	KJ/m2									
	Rockwell Hardness (R scale)	ISO 2039										
Rockwell Hardness (M scale)	ISO 2039											
Thermal	Linear Expansion Coefficient	ISO 11359	× 10 ⁻⁵ mm/mm/°C									
	Deflection Temperature Under Load (1.82MPa)	ISO 75	°C		95	100	105	97	91	100	103	110
	Deflection Temperature Under Load (0.45MPa)	ISO 75	°C		156	156	160	154	152	157	159	160
Flamma bility	UL-94(1/16 in)	UL-94	Rank	1.6mm	1.5mmt HB	1.5mmt HB	-	-	-	-	-	-
	UL-94(1/32 in)	UL-94	Rank	0.8mm	0.81mmt HB	0.75mmt HB	0.80mmt HB	-	-	0.75mmt HB	0.75mmt HB	0.71mmt HB
	UL94-5VA	UL94-5VA	mm		-	-	-	-	-	-	-	-
Electricals	Tracking Resistance	IEC 60112		3mm	-	-	-	-	-	-	-	-
	Dielectric Strength	IEC 60243	KV/mm		-	-	-	-	-	-	-	-
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	-	-	-	-	-	-	-	-
	Volume Resistivity	IEC 60093	Ω · cm	23°C50%RH	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		100HZ	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		1MHZ	-	-	-	-	-	-	-	-
Mold shrinkage (Flow / Right-angle)	Asahi Kasei	%			1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0	1.4~1.6
	ISO 294-4	%										
Physica ls	Refractive Index	ISO 489										
	Transmission	ISO13468-1										
	Melt Flow Rate	ISO 1133	g/10min		2.8	9	8	9	9	9	30	25

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					TENAC™ Weather-resistant			TENAC™-C Weather-resistant			
					High Viscosity	Medium Viscosity		High Viscosity	Medium Viscosity		High Flowability
					3013A	4013A	5013A	3513	4513	4563	7513
		Test method	Units	Condition							
Mechanical	Density	ISO 1183	g/cm ³		1.42	1.42	1.42	1.41	1.41	1.41	1.41
	Moisture Regain	ISO 62	%								
	Yield Stress	ISO 527	MPa	23°C50%RH	70	71	72	62	65	64	66
	Tensile Strain at Yield	ISO 527	%	23°C50%RH							
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH							
	Tensile Strain at Break	ISO 527	%	23°C50%RH	65	50	35	55	50	50	40
	Tensile Modulus	ISO 527	MPa	23°C50%RH	2900	3100	3200	2550	2700	2650	2750
	Flexural strength	ISO 178	MPa	23°C50%RH							
	Flexural Modulus	ISO 178	GPa	23°C50%RH							
	Notched Charpy Impact Strength	ISO 179	KJ/m ²		13	10	8	8	7	6	5
	Charpy Impact Strength	ISO 179	KJ/m ²								
	Rockwell Hardness (R scale)	ISO 2039									
	Rockwell Hardness (M scale)	ISO 2039									
Thermal	Linear Expansion Coefficient	ISO 11359	× 10 ⁻⁵ mm/mm/°C								
	Deflection Temperature Under Load (1.82MPa)	ISO 75	°C		97	102	102	93	97	91	100
	Deflection Temperature Under Load (0.45MPa)	ISO 75	°C		163	164	164	153	154	152	156
Flammability	UL-94(1/16 in)	UL-94	Rank	1.6mm	-	-	-	-	-	-	-
	UL-94(1/32 in)	UL-94	Rank	0.8mm	-	-	-	-	-	-	-
	UL94-5VA	UL94-5VA	mm		-	-	-	-	-	-	-
Electricals	Tracking Resistance	IEC 60112		3mm	-	-	-	-	-	-	-
	Dielectric Strength	IEC 60243	KV/mm		-	-	-	-	-	-	-
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	-	-	-	-	-	-	-
	Volume Resistivity	IEC 60093	Ω · cm	23°C50%RH	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-	-	-	-	-	-
	Permittivity	IEC 600250		100HZ	-	-	-	-	-	-	-
	Permittivity	IEC 600250		1MHZ	-	-	-	-	-	-	-
Mold shrinkage (Flow / Right-angle)		Asahi Kasei	%		1.8~2.2	1.8~2.2	1.8~2.2	1.6~2.0	1.6~2.0	1.6~2.0	1.6~2.0
Mold shrinkage (Flow / Right-angle)		ISO 294-4	%								
Physicals	Refractive Index	ISO 489									
	Transmission	ISO13468-1									
	Melt Flow Rate	ISO 1133	g/10min		2.8	10	22	3	9	9	30

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					TENAC™			TENAC™-C				
					Glass-Reinforced			Glass-Reinforced		Mineral Reinforced	Carbon-Fiber Reinforced	
					GA510	GA520	GN705	GN455	GN755	MT754	CF452	CF454
	Test method	Units	Condition									
Mechanical	Density	ISO 1183	g/cm3		1.50	1.56	1.59	1.59	1.59	1.58	1.43	1.43
	Moisture Regain	ISO 62	%									
	Yield Stress	ISO 527	MPa	23°C50%RH	64	54						
	Tensile Strain at Yield	ISO 527	%	23°C50%RH								
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH			110	100	107	61	120	120
	Tensile Strain at Break	ISO 527	%	23°C50%RH	20	15	3	2	2	5	2	1
	Tensile Modulus	ISO 527	MPa	23°C50%RH	3900	4500	9000	8300	8600	4900	9000	14500
	Flexural strength	ISO 178	MPa	23°C50%RH								
	Flexural Modulus	ISO 178	GPa	23°C50%RH								
	Notched Charpy Impact Strength	ISO 179	KJ/m2		5	4	7	7	7	4	4	5
	Charpy Impact Strength	ISO 179	KJ/m2									
	Rockwell Hardness (R scale)	ISO 2039										
Rockwell Hardness (M scale)	ISO 2039											
Thermal	Linear Expansion Coefficient	ISO 11359	× 10 ⁻⁵ mm/mm/°C									
	Deflection Temperature Under Load (1.82MPa)	ISO 75	°C		110	118	171	163	163	131	161	163
	Deflection Temperature Under Load (0.45MPa)	ISO 75	°C		165	165	175	165	165	161	165	166
Flammability	UL-94(1/16 in)	UL-94	Rank	1.6mm	-	1.5mmt HB	-	1.5mmt HB	1.5mmt HB	1.5mmt HB	-	-
	UL-94(1/32 in)	UL-94	Rank	0.8mm	0.73mmt HB	0.71mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	0.75mmt HB	-	-
	UL94-5VA	UL94-5VA	mm		-	-	-	-	-	-	-	-
Electricals	Tracking Resistance	IEC 60112		3mm	-	-	-	-	-	-	-	-
	Dielectric Strength	IEC 60243	KV/mm		-	-	-	-	-	-	-	-
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	-	-	-	-	-	-	-	-
	Volume Resistivity	IEC 60093	Ω · cm	23°C50%RH	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		100HZ	-	-	-	-	-	-	-	-
Permittivity	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	
Mold shrinkage (Flow / Right-angle)		Asahi Kasei	%		1.5~1.8 / 1.2~1.5	1.5~1.8 / 1.0~1.3	0.4~0.6 / 1.0~1.3	0.4~0.6 / 1.0~1.2	0.4~0.6 / 1.0~1.2	1.0~1.2	0.3~0.6 / 0.8~1.2	0.1~0.2 / 0.6~0.8
Mold shrinkage (Flow / Right-angle)		ISO 294-4	%									
Physicals	Refractive Index	ISO 489										
	Transmission	ISO13468-1										
	Melt Flow Rate	ISO 1133	g/10min		17	15	10	4	8	20	5	4

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				TENAC™ High-Luricity								TENAC™-C High-Luricity				
				High Flowability	High Viscosity						High Viscosity	High Viscosity	Medium Viscosity	High Flowability	High Flowability High Stiffness	
		Test method	Units	Condition	LS701	LT804	LT805	LT200	FS410	LA543	LM511	LT802	LT350	LV450	LZ750	LD755
Mechanical	Density	ISO 1183	g/cm3		1.42	1.42	1.42	1.40	1.46	1.38	1.39	1.42	1.41	1.39	1.41	1.52
	Moisture Regain	ISO 62	%													
	Yield Stress	ISO 527	MPa	23°C50%RH	65	67	67	61	64	60	66	67	58	60	63	55
	Tensile Strain at Yield	ISO 527	%	23°C50%RH												
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH												
	Tensile Strain at Break	ISO 527	%	23°C50%RH	30	50	40	50	30	40	45	65	75	25	20	10
	Tensile Modulus	ISO 527	MPa	23°C50%RH	3200	3100	3100	3000	3100	2800	3000	3000	2200	2700	2800	3600
	Flexural strength	ISO 178	MPa	23°C50%RH												
	Flexural Modulus	ISO 178	GPa	23°C50%RH												
	Notched Charpy Impact Strength	ISO 179	KJ/m2		6	10	9	8	5	5	7	13	7	4	4	3
	Charpy Impact Strength	ISO 179	KJ/m2													
	Rockwell Hardness (R scale)	ISO 2039														
Rockwell Hardness (M scale)	ISO 2039															
Thermal	Linear Expansion Coefficient	ISO 11359	$\times 10^{-5}$ mm/mm/°C													
	Deflection Temperature Under Load (1.82MPa)	ISO 75	°C		100	90	90	92	100	100	95	90	85	100	100	110
	Deflection Temperature Under Load (0.45MPa)	ISO 75	°C		165	155	155	161	164	165	160	154	152	157	157	160
Flammability	UL-94(1/16 in)	UL-94	Rank	1.6mm	-	1.5mmt HB	1.5mmt HB	1.5mmt HB	1.5mmt HB	-	-	-	-	-	-	-
	UL-94(1/32 in)	UL-94	Rank	0.8mm	0.70mmt HB	0.75mmt HB	0.75mmt HB	-	0.75mmt HB	0.75mmt HB	0.70mmt HB	0.75mmt HB	-	0.75mmt HB	0.75mmt HB	0.71mmt HB
	UL94-5VA	UL94-5VA	mm		-	-	-	-	-	-	-	-	-	-	-	-
Electricals	Tracking Resistance	IEC 60112		3mm	-	-	-	-	-	-	-	-	-	-	-	-
	Dielectric Strength	IEC 60243	KV/mm		-	-	-	-	-	-	-	-	-	-	-	-
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	-	-	-	-	-	-	-	-	-	-	-	-
	Volume Resistivity	IEC 60093	$\Omega \cdot \text{cm}$	23°C50%RH	-	-	-	-	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-	-	-	-	-	-	-	-	-	-	-
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		100HZ	-	-	-	-	-	-	-	-	-	-	-	-
	Permittivity	IEC 600250		1MHZ	-	-	-	-	-	-	-	-	-	-	-	-
Mold shrinkage (Flow / Right-angle)	Asahi Kasei	%		1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.8~2.2	1.6~2.0	1.6~2.0	1.6~2.0	1.4~1.6
Mold shrinkage (Flow / Right-angle)	ISO 294-4	%														
Physicals	Refractive Index	ISO 489														
	Transmission	ISO13468-1														
	Melt Flow Rate	ISO 1133	g/10min		34	12	25	25	9	17	22	2.5	3	9	30	25

The data provided for these properties are typical values,intended only as guides,and should not be construed as sales specifications.

For any intended use that may involve food contact,therefore,please consult with Asahi Kasei Chemicals Corporation.

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					TENAC™-C	
					Electro Conductive	
		Test method	Units	Condition	TFC64	EF750
Mechanical	Density	ISO 1183	g/cm ³		1.37	1.41
	Moisture Regain	ISO 62	%			
	Yield Stress	ISO 527	MPa	23°C50%RH		52
	Tensile Strain at Yield	ISO 527	%	23°C50%RH		
	Tensile Stress at Break	ISO 527	MPa	23°C50%RH	35	
	Tensile Strain at Break	ISO 527	%	23°C50%RH	2	15
	Tensil Modulus	ISO 527	MPa	23°C50%RH	2200	2600
	Flexural strenght	ISO 178	MPa	23°C50%RH		
	Flexural Modulus	ISO 178	GPa	23°C50%RH		
	Notched Charpy Impact Strength	ISO 179	KJ/m ²		3	4
	Charpy Impact Strength	ISO 179	KJ/m ²			
	Rockwell Hardness (R scale)	ISO 2039				
	Rockwell Hardness (M scale)	ISO 2039				
	Thermal	Linear Expansion Coefficient	ISO 11359	× 10 ⁻⁵ mm/mm/°C		
Deflection Temperature Under Load (1.82MPa)		ISO 75	°C		85	120
Deflection Temperature Under Load (0.45MPa)		ISO 75	°C		146	162
Flammability	UL-94(1/16in)	UL-94	Rank	1.6mm	-	-
	UL-94(1/32in)	UL-94	Rank	0.8mm	0.75mmt HB	0.75mmt HB
	UL94-5VA	UL94-5VA	mm		-	-
Electricals	Tracking Resistance	IEC 60112		3mm	-	-
	Dielectric Strength	IEC 60243	KV/mm		-	-
	Surface Resistivity	IEC 60093	Ω	23°C50%RH	10 ⁰ ~10 ²	10 ² ~10 ⁴
	Volume Resistivity	IEC 60093	Ω·cm	23°C50%RH	10 ⁰ ~10 ²	10 ² ~10 ⁴
	Dielectric Loss Tangent	IEC 600250		100HZ	-	-
	Dielectric Loss Tangent	IEC 600250		1MHZ	-	-
	Permittivity	IEC 600250		100HZ	-	-
Permittivity	IEC 600250		1MHZ	-	-	
Mold shrinkage (Flow / Right-angle)		Asahi Kasei	%		1.3~1.6	1.6~2.0
Mold shrinkage (Flow / Right-angle)		ISO 294-4	%			
Physicals	Refractive Index	ISO 489				
	Transmission	ISO13468-1				
	Melt Flow Rate	ISO 1133	g/10min		-	-

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