

CHOPPED STRAND GUIDE

		T-187		T-249		T-289		T-275		T-351		T-480		T-511		T-651		T-747	
Recommend Use		PBT,PET,PC		PA6,PA66,PPE		PA66,PA6		PA66,PA6		SAN,ABS		PP		PC		POM		PPS,LCP	
Characteristics		Durability Color		High Impact Color		Anti Glycol Dispersibility		Anti Glycol		High Mechanical property		Color		Color		Color		Low Decomposition Durability	
Filament Diameter	μ	10.5	13	10.5	13	10.5	13	10.5	13	13	13	13	13	10.5	13	10.5	13	10.5	13
Strand Length	mm	3		3		3		3		3		3		3		3		3	
Ignition Loss	%	1.0		0.6		0.75		0.35		0.8		0.5		0.6		0.6		0.4	
Moisture	%	<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1	
Bulk Density	g/cc	>0.7		>0.7		>0.7		>0.7		>0.7		>0.7		>0.7		>0.7		>0.7	

Application	Unit	PBT		PA6		PA66		PA66		SAN		PP		PC		POM		PPS	
Tensile Strength dry	MPa	134	128	179	172	178	170	178	122	96	130	132	126	179	171				
wet1*		66	60	45	44														
wet2**						85	83	95											
wet3***																		125	120
Tensile Elongation	%	3.6	3.4	4.1	3.8	3.9	3.7	4.2	2.3	3.5	3.3	4.1	3.9	1.9	1.7				
Flexural Strength	MPa	206	200	253	250	265	254	268	156	124	199	174	162	242	231				
Flexural Modulus	GPa	8.8	8.7	8.3	8.2	8.9	8.8	8.3	6.9	5.2	8.3	6.8	6.7	13.1	13.0				
Izod Impact Strength	J/m	86	91	125	128	95	97	96	63	111	160	87	90	90	92				
HDT	°C	220	220	210	210	255	255	265	103	145	147	163	163	>260	>260				
Glass Content	%	30		30		30		30		20		20		30		25		40	

* wet 1 : 120°C × 100hr, water

** wet 2 : 130°C × 100hr, water : glycol =1:1

*** wet 3 : 140°C × 100hr, water

Notice Each numerical value shown in this catalogue is a typical value based on the specified testing method.

The date and descriptions may be revised without notice.