

产品类别 Product Category	牌号Grade	测试标准、测试项目 Test criteria, test items							特性及用途 Property & Application
		密度 Density g/cm³	成型收缩率 Mold shrink %	拉伸强度 Tensile Strength MPa	弯曲强度 Flexural Strength Mpa	弯曲模量 Flexural modulus Mpa	悬臂梁缺口冲击强度 Notched Izod impact strength J/m	热变形温度 HDT (0.45MPa) °C	
		ASTM D792	ASTM D2584	ASTM D638	ASTM D790		ASTM D256	ASTM D648	
短玻纤增强pp Short GF reinforced PP	RF-2022G20	1.05	0.5-0.9	75	110	4000	80	150	刚韧平衡，儿童玩具、排气扇Toughness balance, children's toys, exhaust fan
	RF-2023G30	1.13	0.4-0.7	90	120	5500	100	160	耐热耐水解，洗衣机外桶、仪表板骨架Heat and hydrolysis resistance, washing machine barrel, instrument panel frame
	RF-2023G50	1.34	0.2-0.6	110	165	9800	120	160	耐疲劳，汽车、结构支撑件Fatigue resistance, for automotive, structural support
长玻纤增强PP Long GF reinforced PP	LFT-2030G15	0.99	0.4-0.7	85	110	3800	130	145	耐疲劳，洗衣机外桶Fatigue resistance, for washing machine outside the barrel
	LFT-2030G20	1.04	0.3-0.6	90	130	4200	180	150	尺寸稳定，风扇骨架Dimension stability for fan frame
	LFT-2030G30	1.13	0.15-0.55	115	160	6500	250	160	洗衣机外桶、汽车内门板Washing machine outside bucket, auto inside door plate
	LFT-2030G50	1.34	0.1-0.4	140	200	11000	300	160	天窗框架、换挡器Sunroof frames, gear shifter
	LFT-2030G60	1.41	0.1-0.3	150	220	12000	310	160	换挡器、刹车板Gear shifter, brake pad
玻纤矿粉增强PP GF powder reinforced PP	RF-2065G15M10	1.10	0.3-0.7	65	85	4500	60	150	洗衣机外桶、空调组件Washing machine barrel, air conditioning components
	RF-2065G25M15	1.23	0.3-0.7	75	120	6000	75	160	洗衣机外桶、空调组件Washing machine barrel, air conditioning components
	RF-2065G15M25	1.23	0.4-0.8	60	90	5000	60	150	洗衣机外桶、空调组件Washing machine barrel, air conditioning components

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		ASTM D792	ASTM D2584	ASTM D638	ASTM D790		ASTM D256	ASTM D648	UL 94	
玻纤增强 卤系阻燃 PP GF reinforced halogen flame retardant PP	FR-2020G15	1.31	0.4-0.8	65	4500	50		135	1.5-V0	高刚性，家电、蓄电池 High rigidity, home appliances, storage batteries
	FR-2020G30	1.42	0.2-0.6	80	6000	75		150	1.5-V0	蓄电池、电梯制件 Storage battery, elevator parts
玻纤增强 无卤阻燃 PP GF reinforced halogen-free flame retardant PP	FR-2028G10	1.13	0.3-0.8	45	3300	35		120	1.0-V0	高刚性，家电、蓄电池 High rigidity, home appliances, storage batteries
	FR-2028G20	1.21	0.3-0.7	60	4200	45		135	1.0-V0	用于家电、蓄电池 Home appliances, storage batteries
	FR-2028G30	1.29	0.2-0.6	80	5000	60		150	1.0-V0	尺寸稳定，家电、蓄电池 Size stability, home appliances, storage batteries