

汽车专用改性塑料系列
Automotive special modified plastics series

材料特征 Material characteristics				共混型合金 Blend type alloy					
测试项目 Test item	测试方法 Test method	测试条件 Test condition	单位 Unit	PC/ABS	PC/ABS	PC/ABS	PC/ASA	PC/PBT	PA/ABS
密度 Density	DIN 53479	23℃	g/cm3	1.1	1.13	1.15	1.16	1.23	1.09
拉伸强度 Tensile strength	DIN 53455	50mm/min	Mpa	55	60	65	68	55	50
断裂伸长率 Elongation at break	DIN 53455	50mm/min	%	50	50	50	50	130	100
屈服伸长率 Elongation at yield	DIN 53455	50mm/min	%						
弯曲强度 Bending strength	DIN 53452	14mm/min	Mpa	80	85	90	90	70	65
弯曲模量 Bending modulus	DIN 53452	14mm/min	Mpa	2200	2400	2400	2450	2000	2200
简支梁缺口冲击强度 Charpy Notched Impact Strength	DIN 53453	23℃	kJ/m2	45	55	65	50	55	50
简支梁冲击强度 Charpy impact strength	DIN 53453	23℃	kJ/m2	不断 non-breaking	不断 non-breaking	不断 non-breaking	不断 non-breaking	NB	不断 non-breaking
硬度 Hardness	DIN 53456	23℃	Mpa	110	115	120	120	100	125
热变形温度 Distortion temperature	DIN 53461	1.82MPa	℃						
维卡软化点 Vicat softening point	DIN 53460	5kg	℃	112	121	128	128	110	120
热老化性能(150℃) Thermal aging property (150℃)	DIN 53497	150℃	H						
填充物含量 Filling content	EN60	600℃	%						
燃烧特性 Combustion characteristic	TL1010		mm/min	30	30	30	30	HB	30
成型收缩率 Molding shrinkage			%	0.4-0.7	0.4-0.7	0.4-0.7	0.4-0.7	0.5-0.7	0.4-0.7

符合标准 Up to standard				TL52231	TL52231A	TL52231B	TL52426		TL52475
推荐成型加工参数 Recommended molding parameters									
干燥温度 Drying temperature			℃	90-100	90-100	90-100	90-100	110-130	85-95
干燥时间 Drying time			h	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0
成型温度 Forming Temperature			℃	230-260	240-260	240-280	240-280	230-265	220-250
喷嘴温度 Nozzle Temperature			℃	245	245	250	250	260	235
模具温度 Mold temperature			℃	30-80	30-80	30-80	30-80	30-80	30-80
典型用途 Typical use	汽车内外饰件（汽车车灯灯体、中央通道、副仪表板、仪表板骨架、汽车标牌、烟灰缸、万向滑轮、横梁、音箱盖板、后视镜框等） Automobile interior and exterior trim (automobile lamp body, central channel, sub-instrument panel, instrument panel frame, automobile label, ashtray, universal pulley, beam, speaker cover plate, rearview mirror frame, etc.)								
上表中数据为产品实测性能，真实可靠，采用注射成型样片得到，仅供参考，不能作为材料标准值。可以根据客户的要求制作各类产品或在相应的范围内调整。 The data in the table above is the measured performance of the product, real and reliable, obtained by injection molding sample, for reference only, can not be used as the standard value of the material. Various products can be made according to customer requirements or adjusted within the corresponding range.									