



Detection project		Test conditions	Test standard	Index value	Company
Particle appearance	Coke grain / yellow grain / foreign body	Grain / kilogram	Magnifying mirror	≤ 1	Grain
Physical property	Mass flow rate of mass melt	300°C/1.2kg	ISO 1133	9~11	g/10min
	Density	20°C	ISO 1133	1200	kg/m ³
Optical performance	Transmittance	2mm	ASTM D1003	≥ 89	%
Mechanical properties	Izod notch impact strength	23°C/4mm	ISO 180A	≥ 65	kJ/m ²
	Notch impact strength of cantilever beam	23°C/4mm	ASTM D256	78	kJ/m ²
	Tensile yield stress	50mm/min	ISO 527-1-2	65	MPa
	Elongation at break	50mm/min	ISO 527-1-2	≥ 105	%
	Bending strength	2mm/min	ISO 178	85	MPa
	Flexural modulus	2mm/min	ISO 178	2350	MPa