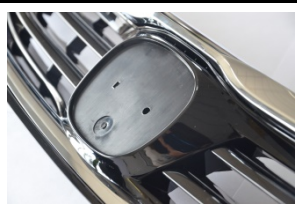


ASA/PMMA WP360 GS01

ASA/PMMA Alloy

	Characteristics	Excellent weather resistance, scratch resistance, impact resistance at low temperature, high blackness and brightness.		
	Applications	High brightness automobile decoration parts, such as grills.		

Properties (23℃)	Typical Value ^[1]	Unit	Test Method
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Mechanical

Tensile Stress	45	MPa	ISO 527
Tensile Strain	30	%	ISO 527
Flexural Stress	65	MPa	ISO 178
Flexural Modulus	2100	MPa	ISO 178
Izod Impact Strength (Notched, 23℃)	10	kJ/m ²	ISO 180
Izod Impact Strength (Notched, -30℃)	4	kJ/m ²	ISO 180

Thermal

Heat Deflection Temperature (1.8MPa)	73	℃	ISO 75
Melt Flow Index (220℃, 10kg)	13	g/10min	ISO 1133

Other

Density	1.14	g/cm ³	ISO 1183
Barcol Hardness	25HBa	-	GB/T 3854
Glossiness (20°)	80	-	GB/T 9754
Mold Shrinkage	0.4-0.7	%	ISO 294

Molding Process^[2]

Drying Condition	Temperature		70-80℃	
	Time		4-6h	
Mold Temperature	40-70 ℃			
Barrel Temperature	Nozzle	Front	Middle	Rear
	230-240℃	230-240℃	210-230℃	200-220℃

Note: [1] These figures are only intended as a guide and should not be used in preparing specifications.

[2] The molding process is only for reference and can be adjusted according to different models and products.