

ABS CA-7010-LG

Product Description

Low gloss injection molding grade modified ABS

Features and application fields

Low emission, low gloss, moderate heat resistance, suitable for household appliances, automotive interior and exterior decoration, electronic appliances and other fields.

Typical performance

Test item	Test condition	Test standard	Unit	Reference
Basic properties				
Proportion	23°C	ISO 1183	g/cm ³	1.04
The melt flow rate	220°C, 10KG	ISO 1133	g/10min	10
Material shrinkage			%	0.5-0.7
Mechanical behavior				
Tensile Strength	50mm/min	ISO 527-2	MPa	45
Elongation at break	50mm/min	ISO 527-2	%	20
Bending strength	2mm/min	ISO 178	MPa	180
Bending strength	2mm/min	ISO 178	MPa	8500
Bending strength	23°C	ISO 179-1	KJ/m ²	14
Thermal performance				
Thermal performance	1.8MPa	ISO 75-2	°C	97
Vicat softening point temperature	B50	ISO 306	°C	103
Flame retardant properties				
Combustion characteristics 23°C		ISO 3795	mm/min	40
Recommended processing conditions				
drying temperature			°C	80-100
drying time			h	2-4
Injection temperature			°C	210-240
mold temperature			°C	60-90

Note: This typical physical property is not a sales specification