

**ABS CA-7200**
**Product Description**

Halogenated flame retardant injection-modified ABS

**Features and application fields**

Good weather resistance, excellent mechanical properties, suitable for electronic appliances, household appliances and other fields

**Typical performance**

Test item	Test condition	Test standard	Unit	Reference
<b>Basic properties</b>				
Proportion	23°C	ISO 1183	g/cm <sup>3</sup>	1.17
The melt flow rate	220°C, 10KG	ISO 1133-1	g/10min	25
Material shrinkage			%	0.4-0.7
<b>Mechanical behavior</b>				
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	67
Bending strength	2mm/min	ISO 178	MPa	2200
Bending strength	23°C	ISO 179-1	KJ/m <sup>2</sup>	12
<b>Thermal performance</b>				
Thermal performance	0.45MPa	ISO 75-2	°C	86
Vicat softening point temperature	B50	ISO	°C	90
<b>Flame retardant properties</b>				
Flame retardancy	1.6mm	UL94	Class	V0
<b>Recommended processing conditions</b>				
drying temperature			°C	80-95
drying time			h	2-4
Injection temperature			°C	190-230
mold temperature			°C	60-90

Note: This typical physical property is not a sales specification