

Modified PC/ABS CA-9100-LV
Product Description

High oxygen index extrusion stage modification PC/ABS

Specialty&Application

High oxygen index, high impact resistance, suitable for automotive interior panels, building materials and other fields

Typical performance

Test Item	Test Condition	Test Standard	Unit	Reference No.
Basic properties				
Proportion	23°C	ISO 1183	g/cm ³	1.16
MFR	260°C, 5KG	ISO 1133	g/10min	25
Mechanical Properties				
Tensile strength	50mm/min	ISO 527-2	MPa	60
Elongation	50mm/min	ISO 527-2	%	30
Flexural Strength	2mm/min	ISO 178	MPa	85
Flexural Modulus	2mm/min	ISO 178	MPa	2300
Impact Strength	23°C	ISO 179-1	KJ/m ²	45
Thermal Properties				
HDT	0.45MPa	ISO 75-2	°C	100
Vica softening point temperature	B50	ISO 306	°C	100
Flammability Properties				
oxygen index		GB 2406.2	%	> 25
Suggested Process Condition				
Dry Temp			°C	90-100
Dry Time			h	4-6
Injection temp			°C	220-250
Mould Temp			°C	60-100

NOTE: This typical property is not considered as a sales specification