

Technical Data Sheet

Modified PC/ABS CA-9010

Product Description

Ultra high impact injection grade modification PC/ABS

Specialty&Application

Low emission, high impact resistance, good gloss and tinting, suitable for household appliances, automotive interior and exterior decoration and other fields

Typical performance

Test Item	Test Condition	Test Standard	Unit	Reference No.
Basic properties				
Proportion	23°C	ISO 1183	g/cm ³	1.10
MFR	260°C, 5KG	ISO 1133	g/10min	18
Mechanical Properties				
Tensile strength	50mm/min	ISO 527-2	MPa	49
Elongation	50mm/min	ISO 527-2	%	35
Flexural Strength	2mm/min	ISO 178	MPa	75
Flexural Modulus	2mm/min	ISO 178	MPa	2200
Impact Strength	23°C	ISO 179-1	KJ/m ²	50
Thermal Properties				
HDT	0.45MPa	ISO 75-2	°C	110
Vica softening point temperature	B50	ISO 306	°C	112
Flammability Properties				
Fire retardant	23°C	ISO 3795	mm/min	25
Suggested Process Condition				
Dry Temp			°C	100-120
Dry Time			h	4-6
Injection temp			°C	230-270
Mould Temp			°C	60-120

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