

Local name: CAB 21GB-T3-UZ

Grade: GMW15572 ABS T3

Technical Data Sheet

Type: Injection molding, ABS

Application: Interior, exterior trim

Properties	Test Method	Unit	Values
Physical properties			
Density	ISO 1183	gm/cm ³	1.07±0.04
Melt Mass Flow (220°C, 10kg)	ISO 1133	gm/10min	Report
Shrinkage (48h after molding)	ISO 294	%	≥0.6
Mechanical properties			
Tensile Stress at yield	ISO 527	Mpa	≥40
Tensile Modulus	ISO 527-1	Mpa	2200 to 3000
Nothched Charpy Impact (23°C)	ISO 179-1	kJ/m ²	≥10
Nothched Charpy Impact (-30°C)	ISO 179-1	kJ/m ²	≥6
Thermal properties			
HDT (0.45 MPa)	ISO 75	°C	≥100
HDT (1.8 MPa)	ISO 75	°C	≥90

Processing Guide (Injection Molding)

Processing Parameters	Unit	Values
Drying Temperature	°C	80
Drying Time	hrs	18-24
Minimum Moisture Content	%	0.3
Melt Temperature	°C	230 ~ 260
Cylinder Temperature	Rear	200 ~ 210
	Middle	210 ~ 230
	Front	225 ~ 250
Nozzle Temperature	°C	225~ 250
Mold Temperature	°C	50 ~ 95
Back Pressure	Bar	3.0 ~ 15