

Local name: CAB 21GB-UZ
Grade: GMW15572 ABS T2

Technical Data Sheet

Type: Injection molding, ABS

Application: Interior, exterior trim

Properties	Test Method	Unit	Values
Physical properties			
Density	ISO 1183	gm/cm ³	1.05±0.03
Melt Flow Rate (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	≥35
Tensile Modulus	ISO 527-1	Mpa	1900 to 3200
Nothched Charpy Impact (23°C)	ISO 179-1	kJ/m ²	≥8
Nothched Charpy Impact (-30°C)	ISO 179-1	kJ/m ²	≥4
Thermal properties			
HDT (0.45 MPa)	ISO 75	°C	≥90
HDT (1.8 MPa)	ISO 75	°C	≥80

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	°C	200 ~ 210
	Middle	°C	210 ~ 230
	Front	°C	225 ~ 250
Nozzle Temperature		°C	225~ 250
Mold Temperature		°C	50 ~ 95
Back Pressure		Bar	3.0 ~ 15

JV "UZAUTO CEPLA" LLC Lab.