

Technical Datasheet CM-207

1) Product Description:

CM-207 is medium viscosity high heat general purpose clear transparent PMMA. It features high gloss and good weather resistance.

2) Applications:

- Automotive Interior Parts
- Bathroom Accessories
- Containers
- Cosmetics
- Household Goods
- Knobs

3) Typical data:

PROPERTIES	TEST METHOD	TEST CONDITION	UNIT	CM-207
Melt Flow Index	1133	220 °C, 10Kg	ml/10 min	8
Mass Density	1183	23 °C	g/cm ³	1.19
Ball Indentation Hardness	2039-1	H358/30	N/mm ²	151
Tensile Strength	527	50 mm/min, yield	MPa	71
		50 mm/min, break	MPa	70
Tensile Elongation	527	50 mm/min	%	7
Flexural Strength	178	2 mm/min	MPa	97
Flexural Modulus	178	2 mm/min	GPa	2.7
Izod Impact Strength	180/1A	Notched	KJ/m ²	2
	180/1C	Unnotched		18
Charpy Impact Strength	179	Notched	KJ/m ²	2
		Unnotched		20
Impact Flexural Test	179/2C	Notched	KJ/m ²	2
	179/2D	Unnotched		17
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	107
		5 Kg, 50 °C/hr		99
		1 Kg, 120 °C/hr		109
		5 Kg, 120 °C/hr		101
Heat Distortion Temp. / A	75	1.08 MPa Unannealed	°C	89
		1.08 MPa Annealed	°C	100
UL Flammability	-	UL-94	-	1.5 mm HB

* Typical values not to be construed as specifications.