



## Technical Datasheet: CM-211

### Product Description:

CM-211 is high heat general purpose clear transparent PMMA. It features high flow high gloss and good weather resistance.

### Applications:

- Containers
- Cosmetics
- Household Goods
- Knobs

### Typical data:

PROPERTY	TEST METHOD	TEST CONDITION	UNIT	CM-211
Melt Flow Index	1133	220 °C,10Kg	ml/10 min	16
Mass Density	1183	23 °C	g/cm <sup>3</sup>	1.19
Ball Indentation Hardness	2039-1	H358/30	N/mm <sup>2</sup>	148
Tensile Strength	527	50 mm/min,yield	MPa	68
	527	50 mm/min,break	MPa	67
Tensile Elongation	527	50 mm/min	%	7
Flexural Strength	178	2 mm/min	MPa	95
Flexural Modulus	178	2 mm/min	GPa	2.7
Izod Impact Strength	180/1A	Notched	KJ/m <sup>2</sup>	2
	180/1C	Unnotched	KJ/m <sup>2</sup>	17
Charpy Impact Strength	179	Notched	KJ/m <sup>2</sup>	2
	179	Unnotched	KJ/m <sup>2</sup>	19
Impact Flexural Test	179/2C	Notched	KJ/m <sup>2</sup>	2
	179/2D	Unnotched	KJ/m <sup>2</sup>	16
Vicat Softening Temp.	306	1 Kg,50 °C/hr	°C	103
	306	5 Kg,50°C/hr	°C	96
	306	1 Kg,120°C/hr	°C	104
	306	5 Kg,120°C/hr	°C	98
Heat Distortion Temp. / A	75	1.08 MPa Unannealed	°C	89
	75	1.08 MPa Annealed	°C	98
UL Flammability	-	UL-94	-	1.5 mm HB

\* Typical values not to be construed as specifications.