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# PMMA ACRYREX® CM-211

Product Description: Low viscosity

| Properties | ISO Test Method | Test Condition | Unit | CM-211 |
|---|---|---|---|---|
| Melt Flow Index | 1133 | 230℃×3.8KG | ml/10 min | 16 |
| Mass Density | 1183 | 23 ℃ | g/cm³ | 1.19 |
| Tensile Strength | 527 | 5 mm/min, yield | MPa | 65 |
| | | 5 mm/min, break | MPa | 65 |
| Tensile Elongation | 527 | 5 mm/min | % | 6 |
| Flexural Strength | 178 | 2 mm/min | MPa | 95 |
| Flexural Modulus | | 2 mm/min | GPa | 2.7 |
| Izod Impact Strength | 180/1A | 23℃, Notched | KJ/m² | 2 |
| | | -30℃, Notched | KJ/m² | – |
| Charpy Impact Strength | 179 | 23 ℃ Notched | KJ/m² | 2 |
| | | -30 ℃ Notched | KJ/m² | – |
| Vicat Softening Temp. | 306 | 1 Kg,50 ℃/hr | ℃ | 103 |
| | | 5 Kg,50 ℃/hr | ℃ | 96 |
| Heat Distortion Temp. | 75/A | 1.8 MPa Unannealed | ℃ | 78 |
| | | 1.8 MPa Annealed | ℃ | 98 |
| Coefficient of Linear Thermal Expansion | 11359 | - | - | 6 X 10-5 |
| Flammability | - | UL-94 | - | 1.5mm HB |
| Mold Shrinkage | 294-4 | - | % | 0.2~0.6 |
| Symbol | 1043 | - | - | >PMMA< |

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Notes：These are typical properties only and are not to be construed as specifications. Users should confirm results by their own test

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