

Delpet™ 981J

PMMA

Asahi Kasei

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.8	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3400	MPa	ISO 527
Stress at break	77	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	3400	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Charpy impact strength, +23°C	17	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	1.2	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 103	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2
Vicat softening temperature, B	116	°C	ISO 306

Optical properties	Value	Unit	Test Standard
ISO Data			
Luminous transmittance	92	%	ISO 13468-1, -2

Other properties	Value	Unit	Test Standard
Water absorption	0.3	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

North America

Special Characteristics

Heat stabilized or stable to heat, Transparent