RamTal PM7009YL75

POM Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**10.5**	g/10min	ISO 1133
Temperature	**190**	°C	-
Load	**2.16**	kg	-
Molding shrinkage, parallel	**1.9**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**2900**	MPa	ISO 527
Tensile Strength	**64**	MPa	ISO 527
Yield strain	**8.5**	%	ISO 527
Izod notched impact strength, +23°C	**6.5**	kJ/m²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Water absorption	**0.8**	%	Sim. to ISO 62
Humidity absorption	**0.2**	%	Sim. to ISO 62
Density	**1410**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**2 - 4**	h	-
Processing humidity	**≤0.15**	%	-
Mold temperature	**60 - 90**	°C	-
Feed temperature	**60 - 70**	°C	-
Zone 1	**170 - 180**	°C	-
Zone 2	**180 - 190**	°C	-
Zone 3	**180 - 190**	°C	-

Characteristics

Processing

Injection Molding

Certifications

RoHS compliant

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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