

RamTon PPS300PWG8NT

PPS-GF40

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	14400	MPa	ISO 527
Tensile Strength	190	MPa	ISO 527
Strain at break	1.8	%	ISO 527
Flexural modulus, 23°C	13400	MPa	ISO 178
Flexural strength	276	MPa	ISO 178
Izod notched impact strength, +23°C	13	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	258	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Other properties			
Water absorption	0.02	%	Sim. to ISO 62
Density	1660	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	130 - 140	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	140 - 160	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	290 - 300	°C	-
Zone 2	310 - 320	°C	-
Zone 3	330 - 340	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant

CertificationsFood contact, Drinking water contact, Drinking water contact
NSF 61, RoHS compliant**Regional Availability**North America, Europe, Asia Pacific, South and Central America,
Near East/Africa