

**RamTon PPS300I65BK10**

PPS-(GF+MX)65

Polyram

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>23500</b>	MPa	ISO 527
Tensile Strength	<b>180</b>	MPa	ISO 527
Strain at break	<b>1.1</b>	%	ISO 527
Charpy impact strength, +23°C	<b>25</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>267</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>0.05</b>	%	Sim. to ISO 62
Density	<b>1960</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>130 - 140</b>	°C	-
Pre-drying - Time	<b>3 - 4</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Mold temperature	<b>140 - 160</b>	°C	-
Feed temperature	<b>60 - 80</b>	°C	-
Zone 1	<b>290 - 300</b>	°C	-
Zone 2	<b>310 - 320</b>	°C	-
Zone 3	<b>330 - 340</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Certifications**

RoHS compliant

**Regional Availability**

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