

## RAMOFIN PPC501NT

### Polypropylene+ FR

#### Product Description:

RAMOFIN PPC501NT is Natural , Flame Retardant, Halogen Free POLYPROPYLENE, Injection Molding Applications

#### Product Information:

Characteristic	Unit	Test method	Property value
<b>Physical</b>			
Density	g/cm <sup>3</sup>	ISO 1183	1.04
MFI (230/2.16kg)	g/10min	ISO 1133	8
Mold Shrinkage Flow 2mm	%	INTERNAL	0.8-1.5
<b>Mechanical</b>			
Strain at Yield	%	ISO 527-2/1A	3.5
Tensile Modulus	MPa	ISO 527-2/1A	1650
Tensile Strength	MPa	ISO 527-2/1A	19
<b>Impact</b>			
Notched IZOD Impact	kJ/m <sup>2</sup>	ISO 180	3.3
<b>Thermal</b>			
HDT 0.45MPa	°C	ISO-75	148
HDT 1.8MPa	°C	ISO-75	85
VICAT 50c/h	°C	ASTM-D1525	140
<b>Flammability</b>			
Flammability V-0 1.6MM		UL-94	V0
Flammability V-0 3MM		UL-94	V0
Flammability V-2 0.8MM		UL-94	V2
G.W.F.I (850)	°C	IEC 60695	850
G.W.F.I (960)	°C	IEC 60695	960
G.W.I.T	°C	IEC 60695	785

**Pre Drying Temperature:** 80°C

**Pre Drying Duration:** 2 Hours

**Max Moisture:** 0.10%

Company: Polyram Plastic Industries LTD  
Company Address: Ram On 19205 Israel



**Processing recommendations:**

**Recommended Mold Temperature:** 30-60°C

**Feed:** 60-80°C

**Zone 1:** 180-190°C

**Zone 2:** 180-200°C

**Zone 3:** 190-210°C

**Revision #: 1**

**Revision Date: 18 Nov 2015**

The technical data contained herein are guides to use Polyram resins. Information contained herein is to the best knowledge, true and assure. The customer is nevertheless obliged to run an incoming material control.