

**Product Texts**

Polyamide 66, 25% glass fiber reinforced, heat-aging stabilized, red phosphorous flame retardant, for injection moulding

**Processing/Physical Characteristics**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
Melt volume-flow rate, MVR	30 / *	cm <sup>3</sup> /10min	ISO 1133
Load	5 / *	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	1.0 / *	%	ISO 294-4, 2577

[C]: CAMPUS

**Mechanical properties**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Tensile Modulus	8500 / 6500	MPa	ISO 527
<sup>[C]</sup> Stress at break	145 / 105	MPa	ISO 527
<sup>[C]</sup> Strain at break	3 / 4.5	%	ISO 527
Flexural modulus, 23°C	7500 / 5800	MPa	ISO 178
Flexural strength	195 / 150	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	60 / 70	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	12 / 17	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

**Thermal properties**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	230 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	250 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	245 / *	°C	ISO 306
<sup>[C]</sup> Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-

[C]: CAMPUS

**Electrical properties**

dry / cond

Unit

Test Standard

**ISO Data**

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Volume resistivity	>1E13 / -	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	* / 1E14	Ohm	IEC 62631-3-2
<sup>[C]</sup> Comparative tracking index	575 / -	-	IEC 60112

[C]: CAMPUS

**Other properties**

dry / cond

Unit

Test Standard

	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1350 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Delivery form**

Black