

**Product Texts**

- MVR (300 °C/1.2 kg) 19 cm³/10 min
- low viscosity
- easy release
- variable content of filler for high reflectance application

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	19	cm³/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2600	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Yield strain	5.5	%	ISO 527
Nominal strain at break	>50	%	ISO 527
Stress at break	55	MPa	ISO 527
Strain at break	95	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	N	kJ/m²	ISO 179/1eU
Izod notched impact strength, +23°C	15	kJ/m²	ISO 180/1A
<sup>[C]</sup> Puncture - maximum force, +23°C	5100	N	ISO 6603-2
<sup>[C]</sup> Puncture energy, +23°C	50	J	ISO 6603-2

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Vicat softening temperature, B	144	°C	ISO 306
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
<sup>[C]</sup> Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Yellow Card available	yes	-	-
Glow Wire Flammability Index (GWFI)	850	°C	IEC 60695-2-12
GWFI - thickness tested (1)	0.75	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	3	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	1340	kg/m³	ISO 1183

[C]: CAMPUS

Test specimen production	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Injection Molding, melt temperature	280	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 3	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280 - 320	°C	-
Mold temperature	80 - 120	°C	-

Zone 1	<b>250 - 260</b>	°C	-
Zone 2	<b>270 - 280</b>	°C	-
Zone 3	<b>280 - 290</b>	°C	-
Nozzle temperature	<b>290 - 300</b>	°C	-
Back pressure	<b>5 - 15</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

White

**Additives**

Release agent

**Features**

Light Reflecting

**Regional Availability**

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