

**Product Texts**

Co Polyamide

Transparent Polyamide

**Product Attributes**

Highly flexible, High viscosity, Highly transparent, Barrier material

**Markets**

**Packaging**

Non oriented film, Oriented film, Paper coating

**Approvals**

**Food Contact**

EU Requirements

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	100 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	- / 500	MPa	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	164 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Optical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Gloss, 60°	64 / *	-	ISO 2813

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Water absorption	10 / *	%	Sim. to ISO 62
<sup>[C]</sup> Humidity absorption	3 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1090 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Film Properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Stress at yield, parallel	25 / *	MPa	ISO 527-3
<sup>[C]</sup> Stress at yield, normal	25 / *	MPa	ISO 527-3
<sup>[C]</sup> Strain at yield, parallel	9 / *	%	ISO 527-3
<sup>[C]</sup> Strain at yield, normal	7 / *	%	ISO 527-3
<sup>[C]</sup> Trouser Tear resistance, parallel	50 / *	N/mm	ISO 6383-1
<sup>[C]</sup> Trouser Tear resistance, normal	85 / *	N/mm	ISO 6383-1
<sup>[C]</sup> WVTR, 23°C/85%r.h.	16 / *	q/(m <sup>2</sup> *d)	ISO 15106-1/-2

## Grilon BM 16 natural

PA\*

EMS-GRIVORY | a unit of EMS-CHEMIE AG

<sup>[C]</sup> Oxygen transmission rate, 23°C/0%r.h.	<b>90 / *</b>	cm <sup>3</sup> /(m <sup>2</sup> *d*bar)	ISO 15105-1/-2
<sup>[C]</sup> Oxygen transmission rate, 23°C/85%r.h.	<b>70 / *</b>	cm <sup>3</sup> /(m <sup>2</sup> *d*bar)	ISO 15105-1/-2
<sup>[C]</sup> Carbon Dioxide transm. rate, 23°C/0%r.h.	<b>200 / *</b>	cm <sup>3</sup> /(m <sup>2</sup> *d*bar)	ISO 15105-1/-2
<sup>[C]</sup> Carbon Dioxide transm. rate, 23°C/85%r.h.	<b>300 / *</b>	cm <sup>3</sup> /(m <sup>2</sup> *d*bar)	ISO 15105-1/-2
<sup>[C]</sup> Thickness of specimen	<b>0.05 / *</b>	mm	-

[C]: CAMPUS

### Characteristics

#### Processing

Film Extrusion, Other Extrusion, Coating

#### Delivery form

Granules, Natural Color

#### Special Characteristics

Transparent

#### Features

Barrier Properties, Copolymer

#### Certifications

Food contact

#### Applications

Packaging

#### Regional Availability

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