

Grivory HB 7187 natural

PA*

EMS-GRIVORY | a unit of EMS-CHEMIE AG

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	40 / *	cm ³ /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	4700 / 4700	MPa	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	234 / *	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	89 / *	°C	ISO 11357-1/-2

[C]: CAMPUS

Optical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Gloss, 60°	150 / *	-	ISO 2813

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	5.5 / *	%	Sim. to ISO 62
^[C] Humidity absorption	2.5 / *	%	Sim. to ISO 62
^[C] Density	1220 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Film Properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Maximum strain, parallel	4 / *	%	ISO 527-3
^[C] Maximum strain, normal	3 / *	%	ISO 527-3
^[C] Elmendorf Tear resistance, parallel	5 / *	N	ISO 6383-2
^[C] Elmendorf Tear resistance, normal	5 / *	N	ISO 6383-2
^[C] Trouser Tear resistance, parallel	10 / *	N/mm	ISO 6383-1
^[C] Trouser Tear resistance, normal	10 / *	N/mm	ISO 6383-1
^[C] WVTR, 23°C/85%r.h.	6 / *	g/(m ² *d)	ISO 15106-1/-2
^[C] Oxygen transmission rate, 23°C/0%r.h.	4 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Oxygen transmission rate, 23°C/85%r.h.	4 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Carbon Dioxide transm. rate, 23°C/0%r.h.	15 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Carbon Dioxide transm. rate, 23°C/85%r.h.	15 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2

[C]: CAMPUS

Characteristics**Delivery form**

Granules, Natural Color

Special Characteristics

Transparent

Regional Availability

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