

## This is the free Material Data Center Datasheet of LUVOCOM 1850/GF/30/TF/13/SI/2/BK - (PBT+PTFE)-GF - LEHVOSS Group

Material Data Center offers the following functions for LUVOCOM 1850/GF/30/TF/13/SI/2/BK:  
unit conversion, PDF datasheet print, comparison with other plastics, snap fit calculation, beam deflection calculation, CAE Interfaces

Check here, which other [Luvocom](#) datasheets, application examples or technical articles are available in Material Data Center

Use the following short links to get directly to the properties of interest in this datasheet:

Caratteristiche Fisiche	Valore	Unità	Norma del test
<b>ISO Data</b>			
Ritiro di stampaggio, parallelo	0.3	%	ISO 294-4, 2577
Conduktività termica del fuso	0.4	W/(m K)	-
<b>Proprietà Meccaniche</b>			
<b>ISO Data</b>			
Modulo a trazione	10000	MPa	ISO 527
Resistenza a trazione	120	MPa	ISO 527
Modulo a flessione, 23°C	9500	MPa	ISO 178
Resistenza all'urto Charpy, +23°C	50	kJ/m <sup>2</sup>	ISO 179/1eU
Resistenza all'urto Charpy, -30°C	57	kJ/m <sup>2</sup>	ISO 179/1eU
Resist. urto Charpy con intaglio, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
Resist. urto Charpy con intaglio, -30°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Proprietà Termiche</b>			
<b>ISO Data</b>			
Temp.di inflessione sotto carico, 1.80 MPa	210	°C	ISO 75-1/-2
Temp.di rammollimento Vicat, A	210	°C	ISO 306
Coeff.di dilatazione termica lin., parallelo	23	E-6/K	ISO 11359-1/-2
<b>Altre Proprietà</b>			
<b>Valore</b>			
Massa volumica	1630	kg/m <sup>3</sup>	ISO 1183
<b>Raccomandazione de Processabilità Stampaggio ad Iniezione</b>			
<b>Valore</b>			
Pre-essiccamento - Temperatura	120	°C	-
Pre-essiccamento - Tempo	4 - 6	h	-
Umidità del Processo	≤0.02	%	-
Temperatura di fusione	250	°C	-
Temperatura dello stampo	60 - 120	°C	-
Zona 1	240 - 260	°C	-
Zona 2	260 - 280	°C	-
Zona 3	250 - 270	°C	-
Temperatura dell ugello	250 - 265	°C	-

### Caratteristiche

#### Processabilità e Forma di Forni

Stampaggio ad Iniezione

#### Forma fisica disponibile

Nero

#### Additivi

Lubrificanti

#### Caratteristiche

Grado tribologico

#### Applicazioni

Automotive, IT / Apparecchiature per ufficio, Elettrotecnica ed elettrici

#### Disponibilità geografica

Nord America, Europa, Asia Oceano Pacifico

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