



HEROFLOM S.R.L.

Technical Fluorinated Polymers

Via Alcide de Gasperi, 4 25060 Collebeato (BS) - ITALY

Tel. +39 030 2510211 Fax +39 030 2511495

info@heroflon.it - www.heroflon.it

Piva: 02042840179 - Codice Fiscale 02042840179

Iscrizione C.C.I.A.A. Brescia 288474 - Registrazione tribunale di Brescia 30794

MEC Commercio Estero BS 005964 - Capitale Sociale 910.000 Iv.



## TECHNICAL DATASHEET

**PRODUCT:** 25GL

**GRADE:** Non Freeflowing, Freeflowing, High Density Freeflowing and Extrusion

**DATE:** 18.03.2005

**COMPOSITION (% BY WEIGHT):**

25% Glass Fibers + 75% PTFE

### TYPICAL PROPERTIES

PROPERTY	MEASURING METHOD	UNITS	NFF	FF	FF/HD	E	LF
Specific gravity	ASTM D4894	gr/cm <sup>3</sup>	2,24+/-0,02	2,24+/-0,02	2,24+/-0,02	2,24+/-0,02	
Tensile strength CD	ASTM D4894	MPa	24	20	17	18	
Elongation CD	ASTM D4894	%	280	250	210	200	
Hardness	NEEDLE	Shore D	66+/-2	66+/-2	66+/-2	66+/-2	
Bulk density	ASTM D4894	g/l	500	680	770	700	
Diametric shrinkage	INTERN	%	2,0+/-0,5	2,0+/-0,5	2,0+/-0,5	-	
Flow	INTERN	sec/50g	-	4	3	4	
Flow Stability	INTERN	sec/50g	-	4	3	4	
Average particle size	INTERN	micron	-	700-400	700-400	700-400	

**RECOMMENDED MOULDING PRESSURE:** 500 Kg/cm<sup>2</sup>

**MAXIMUM SINTERING TEMPERATURE:** 380 °C

**NOTE**

**\*CD: cross direction**

This information is based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your discretion and risk. We cannot guarantee favorable results, and assume no liability in connection with its use of the products described. None of this information is to be taken as a licence to operate under, or a recommendation to infringe, any patents.