



HEROFLON™ S.R.L.
Technical Fluorinated Polymers

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MEC Commercio Estero BS 005964 - Capitale Sociale € 910.000 i.v.



TECHNICAL DATA SHEET

PRODUCT: 40PEEK

GRADE: Non Free-flowing and Medium Free-flowing

DATE: 23.09.2008

COMPOSITION (% BY WEIGHT):

40% Peek + 60% PTFE

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	NFF	FF	FF/HD	E	LF
Bulk density	ASTM D4894	g/l	-				
Average particle size	INTERN	micron	-				
Flow	INTERN	sec/50g	-				
Flow Stability	INTERN	sec/50g	-				
Specific gravity	ASTM D4894	gr/cm3	1,70 +/- 0,05				
Tensile strength CD (or ED)	ASTM D4894	MPa	16 +/- 3				
Elongation CD (or ED)	ASTM D4894	%	15 +/-5				
Hardness	NEEDLE	Shore D	67 +/-3				
Diametric shrinkage	INTERN	%	7,0 +/- 2				

RECOMMENDED MOULDING PRESSURE: 50

MPa

MAXIMUM SINTERING TEMPERATURE: 365 °C

NOTE

NFF: Non Free-flowing Grade for Compression Moulding

FF: Medium Free-flowing Grade for Compression Moulding

***CD: cross direction *ED: extrusion direction**

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