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 TECHNICAL FLUORINATED POLYMERS  
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## TECHNICAL DATASHEET

**PRODUCT:** 60BRR

**GRADE:** NON FREE FLOWING, FREE FLOWING AND EXTRUSION

**COMPOSITION (% by weight):** 60% IRREGULAR BRONZE POWDER ANTI-OXIDANTE + 40% PTFE

### TYPICAL PROPERTIES

<u>Property</u>	<u>Measuring Method</u>	<u>Units</u>	<u>NFF</u>	<u>FF</u>	<u>E</u>
Specific gravity	ASTM D4894	g/cm <sup>3</sup>		3,9+/-0,1	
Tensile strenght CD*	ASTM D4894	Mpa	22	20	18
Elongation CD*	ASTM D4894	%	220	200	180
Hardness	Needle	Shore D	70-66	70-66	70-66
Bulk Density	ASTM D4894	g/l	750	1350	1350
Diametric shrinkage	Intern	%		2,0+/-0,4	
Flow	Intern	sec/50 g	---	3	3
Flow stability	Intern	sec/50 g	---	3	3
Average particle size	Intern	micron	---	700-400	700-400

**Recommended moulding pressure:** 450 Kg/cm<sup>2</sup> (NFF) - 550 Kg/cm<sup>2</sup> (FF)

**Maximum sintering temperature:** 375°C

\*CD: cross direction

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