

## Technical Data Sheet

Product code: MCN 4000M  
Composition: 40%Bronze +5%MoS<sup>2</sup> +55%virgin PTFE

Property	Measuring method	Units	NFF	FF
<b>Bulk density</b>	ASTM D-4849	g/L	--	1050
<b>Average particle size,D50</b>	ASTM D-4894	μm	--	660
<b>Flow Index</b>	INTERNAL	Sec/50g	--	2.3
<b>Specific gravity</b>	ASTM D-4894	g/cm	3.05	3.05
<b>Hardness,Shore D</b>	ASTM-D2240		66	67
<b>Tensile Strength</b>	ASTM D-4894	M Pa	27	25
<b>Elongation at break</b>	ASTM D-4894	%	320	315
<b>Shrinkage</b>	INTERNAL	%	2	2
<b>Recommended molding pressure</b>		Kg/cm <sup>2</sup>	500	550
<b>Max. sintering temperature</b>		°C	--	380

**MANUFACTURER:** QINGDAO SHINHAN EP CO., LTD.  
QINGDAO / SHANDONG / CHINA.

( 1 ) Approved by :HYUNHEE, HONG	( 2 ) Revision No. 02	( 3 ) Edition Date : 08 / 2012
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