

Technical Data Sheet

Product code: MCN 5500M
Composition: 55%Bronze + 5%MoS² + 40%virgin PTFE

Property	Measuring method	Units	NFF	FF
Bulk density	ASTM D-4849	g/L	--	1300
Average particle size,D50	ASTM D-4894	μm	--	660
Flow Index	INTERNAL	Sec/50g	--	2.1
Specific gravity	ASTM D-4894	g/cm	3.8	3.8
Hardness,Shore D	ASTM-D2240		68	68
Tensile Strength	ASTM D-4894	M Pa	20	21
Elongation at break	ASTM D-4894	%	303	290
Shrinkage	INTERNAL	%	2	2
Recommended molding pressure		Kg/cm ²	500	550
Max. sintering temperature		°C	--	380

MANUFACTURER: QINGDAO SHINHAN EP CO., LTD.
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(1) Approved by :HYUNHEE, HONG (2) Revision No. 02 (3) Edition Date : 08 / 2012