

Technical Data Sheet

Product code: MCN 25GR
Composition: 25%Graphite +75%virgin PTFE

Property	Measuring method	Units	NFF	FF
Bulk density	ASTM D-4849	g/L	--	780
Average particle size,D50	ASTM D-4894	μm	--	670
Flow Index	INTERNAL	Sec/50g	--	2.3
Specific gravity	ASTM D-4894	g/cm	2.15	2.15
Hardness,Shore D	ASTM-D2240		61	62
Tensile Strength	ASTM D-4894	M Pa	22	23
Elongation at break	ASTM D-4894	%	280	270
Shrinkage	INTERNAL	%	2.2	2.2
Recommended molding pressure		Kg/cm ²	500	550
Max. sintering temperature		°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
----------------------------------	-----------------------	--------------------------------