

## Technical Data Sheet

Product code: MCN15CAR  
Composition: 15%Carbon +90%virgin PTFE

Property	Measuring method	Units	NFF	FF
Bulk density	ASTM D-4849	g/L	--	720
Average particle size,D50	ASTM D-4894	µm	--	670
Flow Index	INTERNAL	Sec/50g	--	2.3
Specific gravity	ASTM D-4894	g/cm	2.23	2.23
Hardness,Shore D	ASTM-D2240		66	67
Tensile Strength	ASTM D-4894	M Pa	26	27
Elongation at break	ASTM D-4894	%	345	341
Shrinkage	INTERNAL	%	2.2	2.2
Recommended molding pressure		Kg/cm <sup>2</sup>	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