

## Technical Data Sheet

Product code: MCN10CAR  
Composition: 10%Hard Carbon +90%virgin PTFE

Property	Measuring method	Units	NFF	FF
<b>Bulk density</b>	ASTM D-4849	g/L	--	710
<b>Average particle size,D50</b>	ASTM D-4894	µm	--	670
<b>Flow Index</b>	INTERNAL	Sec/50g	--	2.3
<b>Specific gravity</b>	ASTM D-4894	g/cm	2.21	2.21
<b>Hardness,Shore D</b>	ASTM-D2240		66	66
<b>Tensile Strength</b>	ASTM D-4894	M Pa	26	28
<b>Elongation at break</b>	ASTM D-4894	%	350	347
<b>Shrinkage</b>	INTERNAL	%	2.1	2.1
<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.

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