

Technical Data Sheet

Product code: MCN 25CAR
Composition: 25% Soft Carbon +75%virgin PTFE

Property	Measuring method	Units	NFF	FF
Bulk density	ASTM D-4849	g/L	--	720
Average particle size,D50	ASTM D-4894	µm	--	680
Flow Index	INTERNAL	Sec/50g	--	2.1
Specific gravity	ASTM D-4894	g/cm	2.12	2.12
Hardness,Shore D	ASTM-D2240		65	67
Tensile Strength	ASTM D-4894	M Pa	22	23
Elongation at break	ASTM D-4894	%	245	240
Shrinkage	INTERNAL	%	2.3	2.3
Recommended molding pressure		Kg/cm ²	500	550
Max. sintering temperature		°C	--	380

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