

物 性 测 试 报 告 / MATERIAL DATA SHEET

材料料号: Material-NO.:	MC65-001B04	中文名称 (氯丁橡胶CR65B)
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硬度 hardness	D2240	64 65+/- 5 Shore A
颜色 colour		黑 / Black
简称 elastomere base	DIN ISO1629	CR

ASTM TEST METHOD

TEST RESULT

比重 specific gravity	D297	g/cm ³	1.42 ± 0.03
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拉伸强度 tensile strength	≥10	D412	Mpa.	14.0
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拉伸强度 tensile strength	≥250	D412	%	265
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撕裂强度 tear strength		D624	kgf/cm	35
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压缩永久变形 (B14) compression set MAX 22H@ 100℃	≤35	D395	%	21
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耐热老化(A14) HEAT RESISTANCE 70 H.@ 100℃		D573		
硬度变化 CHANGE IN HARDNESS,POLNTS,MAX%	±15		%	+9
拉伸强度变化 CHANGE IN TENSILES STRENGTH,MAX %	-20			-10
伸长率变化 CHANGE IN ULTIMATE ELONGATION,MAX %	-40			-28
体积变化 CHANGE IN VOLUME %				-7

ASTM D2000 Code	M3 BC610 A14 B14 C12 EO14 EO34 F17
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The indicated material properties are average average values determined with standard test slabs according ti the corresponding specification .These values cannot be used as specification values and may be different from the material properties of finished parts.This is to emphasise that the end user himself is requested to test the material with regard to its suitability in the application.This date sheet is not subject to an automatic update.

材料料号:
Material-NO.:

MC65-001B04

中文名称
(氯丁橡胶CR65B)

ASTM TEST METHOD

TEST RESULT

耐ASTM # 1油老化(E014) FLUID RESISTANCE ASTM NO.1 OIL,70H @ 100℃	D471		
硬度变化 CHANGE IN HARDNESS,POLNTS,MAX% ±10		%	+4
拉伸强度变化 CHANGE IN TENSILES STRENGTH,MAX % -30			-3
伸长率变化 CHANGE IN ULTIMATE ELONGATION,MAX % -30			-25
体积变化 CHANGE IN VOLUME % -10 - +15			-2

耐IRM# 3油老化(E034) FLUID RESISTANCE IRM NO.3 OIL,70H @ 100℃	D471		
硬度变化 CHANGE IN HARDNESS,POLNTS,MAX%		%	-32
拉伸强度变化 CHANGE IN TENSILES STRENGTH,MAX % -60			-47
伸长率变化 CHANGE IN ULTIMATE ELONGATION,MAX % -50			-44
体积变化 CHANGE IN VOLUME % + 100			+69

耐臭氧测试(C12) RESISTANCE TO OZONE	D1171		
50PPHM*40C*72H*20 %			PASS

耐低温测试(F17) LOW-TEMPERATURE TEST,	D2137		
30Min @ -40℃			PASS

Additional compound information about approvals resistance tests ect. Are available on request.