

Grade

- CRK20

- AUTOMOTIVE & RAILWAY
- INDUSTRY & AIRCRAFT
- EXCELLENT FIRE RESISTANCE
- LOW SMOKE
- HIGH TECHNICAL PERFORMANCE

TECHNICAL DATA	TEST METHOD	RESULTS
BASE		CHLOROPRENE
Density	ISO 845	140 +/- 30Kg/m3
Classification	ASTM D1056-07 NFR 99211	2C2 3C 08 B3
Hardness	Shore C Shore 00	22 +/-5 55 +/-5
Compression deflection 25%	ISO 3386	35 - 65 kPa
Compression deflection 50 %	ISO 3386	80 - 160 kPa
Compression Set 50%, 24H, 23°C	ISO 815-1	<25%
Tensile Strength	ISO 1798	>300 kPa
Elongation to Break / Rupture	ISO 1798	>155%
Water Absorption	ISO 6916	<5%
Flammability	UL 94	HF-1 (File n°r: QMFZ2.E350291)
Fire – Smoke – Toxicity	EN45545-2	HL1/HL2/HL3 with exception (See results on page 2)
Smoke Opacity	ASTM E 662	Pass
Gas Emission	BSS 7239	Pass
Dielectric Rigidity	NF ISO-EN-CEI C26-225	>10482.2 kV/cm (No breakdown at 5kV)
Ozone resistance	ISO 1431-1	No Cracking
Resistance AIR + UV		Good
Temperature range	Constant Intermittent	-50° +110°C +120°C
Environmental Protection	Recyclable CFC & HCFC free REACH - RoHS IMDS available	
Storage conditions	To be stored in a well-ventilated place at room temperature	

Convertors and suppliers of die cut gaskets, tape, sheeting, fabrications, machined plastic components, rubber mouldings, extrusions and adhesives.



SUMMARY OF RESULTS

Specified documents: EN45545-2 (July 2019)

Tested thickness: 3.0mm (± 0.5mm)

Applicable requirement (on customers request): R22

According to the whole test results, the material complies with all the criteria for hazard level(s):
HL1

Standard	Parameter (unit)	Maximum / Minimum	HL1	HL2	HL3	Obtained results	Reached HL	Test report
EN ISO 4589-2	IO (%)	Min	28	28	32	30	HL1, HL2	P194920 – DEC/2
EN SO 5659-2 25 kw/m2	Dsmax	Max	600	300	150	46.3	HL1, HL2, HL3	P194920 – DEC/1
NF X70-100-1 NF X70-100-2	ITCPNL	Max	1.2	0.9	0.75	0.99	HL1	P194920 – DEC/3

Applicable requirement (on customers request): R23

According to the whole test results, the material complies with all the criteria for hazard level(s):
HL1, HL2

Standard	Parameter (unit)	Maximum / Minimum	HL1	HL2	HL3	Obtained results	Reached HL	Test report
EN ISO 4589-2	IO (%)	Min	28	28	32	29.5	HL1, HL2	P194920 – DEC/2
EN SO 5659-2 25 kw/m2	Dsmax	Max	-	600	300	46.3	HL1, HL2, HL3	P194920 – DEC/1
NF X70-100-1 NF X70-100-2	ITCPNL	Max	-	1.8	1.5	0.99	HL1, HL2, HL3	P194920 – DEC/3

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