

### TECHNICAL DATASHEET

<b>HEXFLAME 45-1700</b>				
Date:- 30.07.2019				<b>EN 455 45 classification (2016) EN 45545-2</b>
<b>Specification/Property</b>	<b>Method</b>	<b>Unit</b>	<b>Spec limits</b>	<b>Result</b>
Polymer	BS ISO 1629		EPDM	EPDM
Curing system				Sulphur
Color			Black	Black
Specific gravity	BS ISO 1183	g/cm <sup>3</sup>		approx. 1,54
Hardness	BS ISO 48	SH A	70+-5	73
Tensile Strength	BS ISO 37	N/mm <sup>2</sup>		ca. 4.5
Elongation at Break	BS ISO 37	%		> 350
Tear Strength	BS ISO 34-1	N/mm		ca. 6
Compr. set 24h/70°C	BS ISO 815	%		20
Compr. set 24h/100°C	BS ISO 815	%		40
Ozone resistance 168h/40°C 50 pphm/20% elongation	BS ISO 1431-1		No cracks	No cracks
Nitrosamine Generating	No carcinogenic nitrosamine generating raw materials are used			
Halogen free				non-halogen (<0,02 %)
REACH/SVHC compliant UK/EU	17.01.2023			compliant
<b>EN 455 45 classification (2016) EN 45545-2</b>				<b>class R22/23, HL3</b>
Smoke Density	EN ISO 5659-2	Ds max	max. 150 (HL3)	69
Limiting Oxygen Index LOI	ISO 4589-2	%	32 % min. (HL3)	34.9
Toxicity	NF X 70-100-1	CIT NLP	max. 0,75 (HL3)	0.17
	NF X 70-100-2			
<b>Electrical Volume Resistivity</b>	<b>IEC 60093</b>	<b>Ohmcm</b>		<b>3.40E+14</b>
<b>Service Temperature Range</b>		<b>°C</b>		<b>-30 °C - +100 °C</b>
<b>Low Temp Brittleness Point</b>		<b>°C</b>		<b>-35</b>
Test results were determined on vulcanized (10 min/180°C) test sheets.				

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and descriptions information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The company holds no legal or contractual responsibility for information supplied.

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

