شـــركـــة المـطاط العالميـــة ذ.م.م.
INTERNATIONAL RUBBER COMPANY (L.L.C.)

Data Sheet
EPDM GASKET FOR PLASTICS PIPE JOINTS

IRC Moulded Gaskets for pipe joints comprise wide range of Polymer use, i.e. EPDM, SBR. Compounding is done to meet relevant BS, DIN and ASTM Standards to achieve best performance.

Production of Rubber Moulded Products is done by extrusion, Compression and Injection Moulding process followed by automatic Deflashing.

In the Injection Moulding process rubber compound is injected under pressure into the mould cavity and allowed to fill the cavity obtaining the shape of the mould and cross-linked by using the platen temperature, finally product is formed in the required shape. In compression Moulding process compound is pressed under sufficient hydraulic pressure to obtain mould cavity shape and compaction while curing process in progress.

General Physical Properties
(ASTM F 477- 96a)

Properties	Specifications	Test Method
Tensile Strength	8.3 MPa Min.	D 412
Elongation at Break	325 % min.	D 412
Hardness (Shore A)	50 ° A	D 2240
Compression set, 22 hrs at 70°C With 25% deflection	25 % Max	D 395
Accelerated Aging 96 hrs at 70°C Change in Tensile Strength Change in Elongation Change in Hardness	 - 15 % Max -20% Max +8 Max	D 573
Ozone Resistance 50 pphm for 72 Hrs at 20% Stretch at 40° C	No cracks	D 1149
Volume change in water, 48 hrs at 70°C	5 % Max	D 471

International Rubber Co. has capability and capacity to make different types of moulded items for different industries in Middle East Region. With in-house Tool Room and R & D facilities the response time for new developments is very short.

Issue Date : 20.10.2008	Doc. No. : QOD 001	Rev. No. : 00	Rev. Date : 00

ص.ب : ٢٧١٤٠، دبـــي، الامـــارات العـــربيـــة المتـــحـــدة هـــاتف: ٣٣٣٩٠٩٠ ٤ ٩٧١+ ، فـــاكس: ٣٣٣٨٦٦٥ ٤ ٩٧١+
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