

TABELLA COMPARATIVA DELLE PROPRIETA' DEI VARI ELASTOMERI









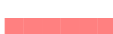















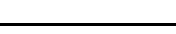





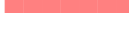

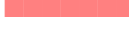










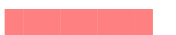

PROPRIETA' FISICO-MECCANICHE									
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Materiali	Peso specifico	Durezza	Resistenza a trazione	Allung. a rottura	Resa Elastica	Resistenza a Lacerazione	Resistenza a abrasione	Impermeabilita' ai gas	Deformazione permanente a compressione
	(1) Kg/cm <sup>3</sup>	Shore A	MPa	%	%			10000	
NR	0,93	25÷95	14÷30	150÷850	30÷65				
IR	0,91	30÷90	12÷30	125÷850	30÷65				
SBR	0,95	35÷95	7÷28	125÷850	25÷55				
BR	0,94	30÷90	7÷18	120÷800	30÷70				
IIR	0,92	40÷85	7÷18	250÷800	6÷12				
CR	1,25	25÷90	7÷24	100÷800	20÷50				
EPM	0,86	40÷85	6÷18	150÷500	35÷55				
EPDM	0,86	40÷85	6÷18	150÷500	35÷55				
NBR	0,97	30÷90	7÷25	150÷750	10÷50				
XNBR	0,98	50÷95	8÷23	200÷725	10÷45				
HNBR	0,96	50÷95	8÷24	150÷750	30÷45				
CSM	1,20	40÷90	12÷24	150÷500	5÷20				
ACM	1,11	50÷90	5÷14	100÷350	5÷8				
EACM	1,10	40÷90	9÷18	250÷550	15÷25				
AU/EU	1,15	50÷95	15÷35	250÷700	35÷50				
CO/ECO	1,31	40÷90	6÷15	150÷500	10÷35				
VMQ	1,20	30÷80	4÷9	400÷600	40÷55				
PVMQ	1,15	20÷70	6÷9	150÷300	40÷50				
FVMQ	1,47	38÷73	6÷10	150÷500	30÷40				
FPM	1,82	50÷90	5÷17	125÷300	5÷10				

NB. La miglior valutazione delle proprieta' corrisponde a: la peggiore a:















































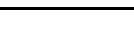




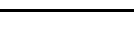
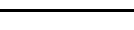














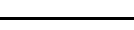
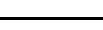
La Sigla -NC- sta a indicare Impiego 'Non Consigliato'.

La Sigla -ND- sta a indicare Dato 'Non Disponibile'.

(1) Sul manufatto risulterà maggiorato di 0,15 ÷ 0.30 Kg/cm<sup>3</sup>.

RESISTENZA A:					
(a)	(k)	(l)	(m)	(n)	(o)
Materiali	Temperature di lavoro °C	Aria calda	Basse temperat.	Ozono	Fiamma
NR					NC
IR	-45÷ 80				NC
SBR	-40÷ 90				NC
BR	-50÷ 80				NC
IIR	-30÷120				NC
CR	-40÷100				
EPM	-40÷140				NC
EPDM	-40÷155				NC
NBR	-40÷110				NC
XNBR	-45÷120				NC
HNBR	-45÷170				NC
CSM	-15÷120				
ACM	-20÷170				NC
EACM	-40÷175				
AU/EU	-25÷110				NC
CO/ECO	-40÷125				
VMQ	-50÷225				
PVMQ	-75÷200				
FVMQ	-50÷200				
FPM	-20÷250				

RESISTENZA CHIMICA

(a)	(q)	(r)	(s)	(t)	(u)	(v)	(z)
Materiali	Acidi	Alcali	Olii minerali	Olii vegetali	Idrocarburi	Solventi Clorurati	Chetoni
NR			NC	NC	NC	NC	
IR			NC	NC	NC	NC	
SBR			NC		NC	NC	
BR			NC	NC	NC	NC	
IIR			NC		NC	NC	
CR					NC	NC	
EPM			NC		NC	NC	
EPDM			NC		NC	NC	
NBR	NC					NC	NC
XNBR	NC					NC	NC
HNBR	NC						NC
CSM						NC	
ACM					NC	NC	NC
EACM	NC	ND			NC	NC	NC
AU/EU	NC	NC					
CO/ECO							NC
VMQ		NC			NC	NC	
PVMQ	NC	NC			NC	NC	
FVMQ	NC						NC
FPM							NC

## Tipi di elastomeri

NR	Gomma Naturale
IR	Poliisoprene Sintetico
SBR	Gomma Stirolo-Butadiene
BR	Polibutadiene
IIR	Butile
CR	Policloroprene
EPM	Copolimero
	Etilene-Propilene
EPDM	Terpolimero
	Etilene-Propilene
NBR	Gomma Nitrilica
XNBR	Gomma Nitrilica
	Carbosilata
HNBR	Gomma Nitrilica
	Idrogenata
CSM	Polietilene Clorosolfonato
ACM	Gomma Poliacrilica
EACM	Gomma Etilen-Acrlica
AU/EU	Gomma Uretanica
CO/ECO	Gomma Epicloridrinica
VMQ	Gomma Siliconica
PVMQ	Gomma Siliconica
FVMQ	Gomma Fluorosiliconica
FPM	Gomma Fluorocarbonica