



ELASTRON KIMYA THERMOPLASTIC ELASTOMER DATASHEET

PRODUCT NAME	113.901.A60.GIF	COLOUR	BLACK
PRODUCT TYPE	ELASTRON G	TRANSPARENCY	OPAQUE

PHYSICAL PROPERTIES

TEST	UNIT	TEST STANDARD	TYPICAL VALUE
HARDNESS	SHORE A	ASTM D 2240	60
DENSITY	g/cm ³	ASTM D 792	1,17
TENSILE STRENGTH AT BREAK	MPa	ASTM D 412	5,0
MOD. of ELASTICITY @ 100%	MPa	ASTM D 412	1,9
MOD. of ELASTICITY @ 300%			2,8
ELONGATION AT BREAK	%	ASTM D 412	800
COMPRESSION SET	% at 23°C 24h	ASTM D 395	17
	% at 70°C 24h		51
	% at 100°C 24h		75
FLAMMABILITY RATING	-	UL 94	HB
TEAR RESISTANCE	N/mm	ASTM D 624	30
OZONE RESISTANCE	Stressed	ASTM D 518	No Cracks
	Unstressed	ASTM D 1149	No Cracks
UV RESISTANCE	Physical Properties	ASTM D 4329	OK
	Color	ASTM D 4329	

BONDING

BONDABLE TO	PP	Yes	EVA	Yes
	PS	-	PE	Yes
	OTHERS			

OTHER

PHARMA	SLIP	FOAMED	CONDUCTIVE	ANTISTATIC
-	-	-	-	-

PROCESSING

INJECTION	Yes	BLOW MOULDING	-
EXTRUSION	-	CALENDERING	-

PROCESS TEMPERATURES

INJECTION	170-190	BLOW MOULDING	
EXTRUSION		CALENDERING	

THE ABOVE RESULTS ARE TAKEN FROM THE INJECTED MOULDED SLABS AND DO NOT CONSTITUTE A SPECIFICATION

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ISO 9001:2000& ISO TS 16949 REGISTERED QUALITY SYSTEMS