

FLEXIBLE INJECTION MOULDING					
GRADE	RECOMMENDED USE	TYPICAL PROPERTIES			
		R.D.	SHORE A	TENSILE STRENGTH	ELONGATION %
FM500	Floor Tiles	1.43	93	23	257
FM501	Floor Tiles	1.44	93	22	257
FM502	General Purpose	1.26	85	22	239
FM503	Electrical Plugs	1.30	89	23	230
FM504	Unit Soles	1.26	84	15	297
FM505	Unit Soles	1.25	75	15	250
FM507	General Purpose	1.24	66	16	338
FM508	General Purpose	1.20	65	16	319
FM509	General Purpose	1.29	70	18	320
FM510	Nitrile Soling	1.19	70	10	348
FM512	General Purpose	1.24	58	11	419
FM517	Unit Soles	1.19	63	16	350
FM519	Nitrile Soling/Gumboots	1.20	62	17	410
FM520	Nitrile Soling/Upper	1.15	48	17	410
FM521	Nitrile Soling	1.20	60	14	420
FM522	Nitrile Soling/Upper SABS Spec 1320	1.18	55	16	415
FM524	General Purpose	1.17	53	11	385
FM525	General Purpose - Oil Resistant	1.17	55	11	440
FM526	UV Stabilised - Rubber-duck Handles	1.26	85	22	230
FM530	Unit Soles	1.24	84	15	280
FM533	Car Mats High Temp/Non - Toxic	1.18	76	15	320
FM534	General Purpose - Unit Soles	1.19	75	16	325
FM536	Football Boots	1.20	75	13	290
FM539	Unit Soles	1.23	65	12	335
FM542	General Purpose	1.25	71	17	319
FM547	Unit Soles	1.30	71	15	350
FM548	General Purpose	1.24	61	11	420
FM554	General Purpose	1.21	45	10	450
FM555	General Purpose Nitrile	1.25	60	12	390
FM560	General Purpose Nitrile	1.20	65	13	370
FM568	General Purpose Nitrile (MATT)	1.27	66	15	305
FM569	Heel Liners	1.33	90	22	250
FM572	General Purpose	1.17	54	9	410
FM573	General Purpose	1.20	55	10	410
FMF574	Microcellular	<1.00	75	-	-
FMF575	Non-Toxic General Purpose	<1.00	65	-	-
FM579	Nitrile - Doc Martins	1.15	55	18	400
FMF581	Microcellular	<1.00	60	-	-
FMF582	Microcellular	<1.00	65	-	-
FMF586	Microcellular	<1.00	55	-	-

Elco Plastics (Pty) Ltd does not make any warranties in regard to the accuracy of the information contained herein. Elco Plastics (Pty) Ltd specifically excludes any liability of any nature or damage that any party may suffer by reason of relying on the information herein

RIGID INJECTION MOULDING

GRADE	RECOMMENDED USE	TYPICAL PROPERTIES						
		R.D.	SOFTENING POINT	IMPACT STRENGTH KJ/m ²	SHORE D	TENSILE STRENGTH (Mpa)	ELONGATION	STABILISER
RM400	Pressure Pipe Fitting - UV Stable	1.42	80	110	84	64	10	Sn
RM401	Electrical Fittings	1.46	81	120	85	58	10	Pb
RM402	Transparent Mouldings	1.36	79	110	83	50	10	Sn
RM403	Clear UV Stabilised	1.36	79	110	83	50.00	10	Sn
RM404	Electrical Fittings	1.48	81	168	83	45	10	Pb
RM407	UV Stable - Black	1.46	81	170	83	48	10	Pb