



## Typical Performance of Runfold Plastics Dip Moulding Grades

Grades		Standard Grades		Matt Grades			Textured Grades	Electrical Grades Low Smoke, Overhead Grade, General Purpose			Light Stable Grades	Medical Grades		Crystal Clear Grades	Translucent Grades	Medical Antibacterial	High and Low Temperature Grades			Flame Retardant	Oil Resistance	Antistatic	
Property	Units																High	High	Low				
Density	g/cc	1.12	1.13	1.14	1.20	1.20	1.13	1.5	1.23	1.1	1.17	1.20	1.21	1.13	1.20	1.10	1.15	1.20	1.18	1.23	1.25	1.14	1.15
Tensile Strength	MPa	5.00	8.00	12.00	12.50	18.00	4.00	13	16	15	12.00	15.00	8.00	9.00	13.00	17.20	11.00	15.00	15.00	16.00	10.50	7.50	13
Elongation at Break	%	500	430	325	325	300	250	400	250	400	250	300	375	400	325	355	400	400	325	300	400	360	425
Coldflex Temp.	°C	-40	-49	-40	-40	-15	-40	-37	-20	-40	-40	-31	-44	----	-20	-15	-15	-15	-50	-24	-17	-31	
Max. Working Temp.	°C Cont.	60	60	60	60	60	60	70	90	60	60	----	----	60	60	70	90	90	90	80	80	60	70
	°C Int.	80	80	80	80	80	80	----	----	----	80	80	----	80	80	----	140	230	140	100	100	80	----
Shore A Hardness		40	50	50	80	90	60	65	70	65	85	50	85	50	65	75	55	70	85	60	75	50	70
Volume Resistively	ohm.cm	0.50		----	----	----	----	----	----	----	----	----	----	----	----	----	1.50	----	----	----	----	----	----
Breakdown Voltage	KV	----		----	----	----	----	----	----	----	10.8	----	----	----	----	----	13.5	----	----	----	----	----	----
Electric Strength	KV.mm	----		----	----	----	----	----	----	----	4.1	----	----	----	----	----	5.2	----	----	----	----	----	----
Oxygen Index	% oxygen	20.0		----	23.0	25.0	----	----	----	----	22.0	----	----	21.0			----	----	----	28.0	28.0	20.4	----
Typical application Areas.		Covers, caps, and general purpose covers		Automotive Interior Covers/Gaiters, Grips Furniture, Bellows			Grips, Sleeves	General cable shrouds, overhead cable shrouds.			Exterior apps. Eg Yacht Fittings	Container Lids, Medical Covers, Tubes, Valve Connectors		Various	Medical sleeves	Sleeves, Caps	Busbar Covers, Low Voltage Shrouds			Cable Shrouds, Dustcovers & Bellows for Electrical Apps.	Automotive Covers Steering Gaiters	Hose cuffs	

### Dip Moulding Grade Notes:

Other shore hardnesses Grades & Colours are available on request  
Custom Grades available to suit specific applications

The information shown on this sheet is, to the best of knowledge, a true and accurate indication of typical performance of these grades of materials. However, since the conditions under which these materials may be used are beyond our control, any recommendation as to their use are made without warranty or guarantee.

## Typical Runfold Plastics Injection Moulding Grades

Runfold Plastics utilise the latest available injection moulding grades listed below are some of our regularly processed materials.

Polycarbonate ( PC )  
Polypropylene ( PP )  
Polystyrene ( PS )  
Acrylic ( PMMA )  
Acrylonitrile Butadiene Styrene ( ABS )  
Polyamides ( Nylons PA )  
Polyethylenes ( LDPE and HDPE )

