



Typical Performance of Runfold Plastics Dip Moulding Grades

Grades	Standard Grades	Matt Grades					Textured Grades	Electrical Grades			Light Stable Grades	Medical Grades		Crystal Clear Grades	Translucent Grades	Medical Antibacterial	High and Low Temperature Grades			Flame Retardent		Oil Resistance	Antistatic	
								Low Smoke	Overhead Grade	General Purpose							High	High	Low					
Property	Units																							
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	60	70		90	90	90	80	80	60	70
	°C Int.	80	80	80	80	80	80	--	--	--	80	80	--	80	65	75		140	230	140	100	100	80	--
Shore A Hardness		40	50	50	80	90	60	65	70	65	85	50	85	50	--	--		55	70	85	60	75	50	70
Volume Resistivity	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	--	--		--	--	--	28.0	28.0	20.4	--
Typical Application Areas		Covers, caps and general purpose products			Automotive interior covers/gaitors, grips, furniture and bellows			Grips, sleeves	General cable shrouds, overhead cable shrouds			Exterior applications such as yacht fittings	Container lids, medical covers, tubes, valve connectors, colon tubes, rectal catheters		Various	Medical sleeves	Sleeves, caps	Busbar covers, low voltage shrouds			Cable shrouds, dustcovers & bellows for electrical applications		Automotive covers, steering gaitors	Hose cuffs

Dip Moulding Grade Notes

Other shore hardness grades and colours, in addition to custom grades suitable for specific applications are available on request.

Disclaimer

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

