

TECHNICAL SPECIFICATION

NEMA

Description of Test	General Purpose 1mm Nema Reqd. Value	General Purpose 1mm VIR Value	Post Forming 0.7 mm Nema Reqd. Value	Post Forming 0.7 mm VIR Value
Thickness Tolerance (Max.)	(+/-) 0.127	(+/-) 0.05	(+/-) 0.127	(+/-) 0.05
Wear Resistance (Min.)	400	> 500	400	400
Scuff Resistance (Min)	No Effect	No Effect	No Effect	No Effect
Ball Impact Resistance (Min) (using large ball)	669 mm	> 669 mm	20 mm	20 mm
Dimensional Change (M.D.) (Max)	0.60%	0.55%	1.10%	1.00%
Dimensional Change (C.D.) (Max)	1.00%	0.90%	1.40%	1.30%
Boiling Water Resistance (Min.)	No Effect	No Effect	Slight Effect	Slight Effect
High Temperature Resistance (Min.)	Slight Effect	Slight Effect	Slight Effect	Slight Effect
Radiant Heat Resistance (Min.)	100	105	80	90
Conductive Heat Resistance (Min.)	No Effect	No Effect	No Effect	No Effect
Stain Resistance (Min.)	No Effect	No Effect	No Effect	No Effect
Light Resistance	Slight Effect	Slight Effect	Slight Effect	Slight Effect
Cleanability Cycles (Max.)	25	24	25	24
Formability (Min.)	-	-	12.70 mm	12.00 mm
Blister Resistance (Sec)	-	-	40	40

ISI

Test	ISI Req'd. Value	VIR Value
Staining	Group 1 & 2 = 5	5
	Group 3 & 4 = 4	5
Boiling Water	10%	<10%
Cracking	Hairline Crack	No Visible Change
Surface Wear	Initial Point > 150 Final Point > 350	>175 >375
Steam	4	5
Scratch Resistance	Min. 204 gm	>204 gm
Impact (Small Ball)	20 N	>20 N
Cigarette Burn	3	Min. 4
Dry Heat Test	3	Min. 3
Dimensional Stability	MD=Max.: 0.380 % CD=Max.: 0.6 %	Max.=0.03% Max.=0.55%