

Decotone Surfaces

NEMA LD3 Test Results

Post-Forming/VGPsize:0.7Tx4'x8'

TEST			2 (0.7T)	VGP (standard)
LD3.1	Appearance			
	3.1.4 Visual			
	Type A defects - smudges/smears/streaks/fingerprints	#A	0	0
	Type B defects - single particles 0.60mm ² or more	#B	0	0
	Type C defects - 3+, each 0.30mm ² +, w/in 300mm ² area	#C	0	0
	3.1.5 Thickness		0.74	0.60-0.80mm
	3.1.6 Flatness	max ht	53	120
	3.1.7 Broken Corners	# / dist. to corner	0 / 0	<1@25mm or <2@13mm
	3.1.8 Squareness	dif. cross corner lens.	2	<=6
		cross corner lens.	2740 / 2742	
3.1.9 Edge Straightness	mm dev / m edge len	0.5mm	1.5mm/m	
LD3.2	Surface Finish	md 60deg gloss	9.4	x
		cmd 60deg gloss	9.3	x
LD3.3	Light Resistance -- xenon arc	NE SL M S	N	SL
LD3.4	Cleanability/Stain Resistance clean: sum of scores reagents 1-15 // stain: list all w/ M S water:0 25/bc.sponge:1 25/bk.sod.br:2 solv:3 ClO:4 5	cleanability sum of scores	9	20
		1-10:NE M S	N	N
		11-15:NE M S	N	M
LD3.5	Boiling Water Resistance	NE SL M S	N	N
LD3.6.3	High Temperature Resistance (oil)	NE SL M S	N	SL
LD3.7.2	Linear Glass Scratch Resistance	<20 <50 <100 <200 >200	<200	x
LD3.7.3	Diamond Scratch Resistance	1 2 3 4 5	4	x
LD3.8	Ball Impact	impact height (3rep)	600	500
LD3.9	Dart Impact Resistance	impact height (3con.brk)	550	200
LD3.10.2	Radiant Heat Resistance (coil)	ave. 3 samp. in sec	126	80
LD3.11	Dimensional Change	ave md %	0.34%	1.10%
		ave cmd %	0.73%	1.40%
LD3.12	Dimensional Stability	ave md %	0.20%	1.00%
		ave cmd %	0.45%	1.30%
LD3.13	Wear Resistance	ave.corr.WR rounded(50)	650	400
LD3.14	Formability postforming grades only	md pass/fail 3@radius	10	13
		cmd pass/fail 3@radius	8	13
LD3.15	Blisters Resistance	ave of 3 in sec	50	40

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