



PANASPHERE PREMIUM SURFACES PRODUCT SPECIFICATIONS		
Properties	Testing Methods	Panasphere TFL (CARB Phase 2)
Appearance	NEMA LD 3 - 2005	No surface defects
Cleanability	NEMA LD 3 - 2005	Maximum 10
Stain Resistance	NEMA LD 3 - 2005	1 to 15: No Effect
Wear Resistance	NEMA LD 3 - 2005	500 Cycles (not including high gloss)
Light Resistance	NEMA LD 3 - 2005	Moderate Effect
Boiling Water Resistance	NEMA LD 3 - 2005	No Effect
High Temperature Resistance	NEMA LD 3 - 2005	No Effect
Glass Scratch Resistance	NEMA LD 3 - 2005	< 100 g
Diamond Scratch Resistance	NEMA LD 3 - 2005	3.0 N
Impact Resistance (ball)	NEMA LD 3 - 2005	300 mm
Radiant Heat Resistance (strip method)	NEMA LD 3 - 2005	No Effect up to 60 seconds
Fire Resistance	ASTM E-84	Class III or C
Formaldehyde Emission	ANSI A208.1 - 2009	Less than 0.09 ppm (CARB Phase 2) for Particleboard Less than 0.11 ppm (CARB Phase 2) for MDF

Updated Dec 20, 2016