

		 POLY SOLAR GRADE PE42NW	
		Specs Limit	Typical Value
FZ	Resistivity ohm * cm N Type	> 250	1100
	Resistivity ohm * cm P Type	> 2500	-
BULK DOPANT	Boron ppba	< 0.10	0.03
	Aluminum ppba	< 0.10	0.02
	Total Acceptor ppba	< 0.10	< 0,05
	Phosphorus ppba	< 0.30	0.16
	Arsenic ppba	< 0.05	0.02
	Antimony ppba	< 0.02	0.01
	Total Donors ppba	< 0.30	< 0.20
BULK METAL	Copper ppba	< 0.50	0.03
	Chromium ppba	< 0.50	0.17
	Iron ppba	< 3.00	0.67
	Nickel ppba	< 0.50	0.16
	Sodium ppba	< 1.00	0.22
	Zinc ppba	< 0.50	0.01
	Total Bulk ppba	< 6.00	1.26
SURFACE METAL	Iron ppbW	< 2.50	1.71
	Chromium ppbW	< 0.50	0.06
	Nickel ppbW	< 0.50	0.05
	Copper ppbW	< 0.50	0.06
	Zinc ppbW	< 2.50	1.02
	Sodium ppbW	< 1.50	0.49
	Total Surface ppbW	< 8.00	3.39
Carbon ppma		< 0.20	0.08