

# AS1000 Clear ABS

Used in Pozzetta PL500, PL535, PL600, PL655

## Pozzetta AS1000 Clear ABS Static Dissipative Material Data



Physical	Nominal Values (English)	Test
Specific Gravity	1.08 sp gr 23/23 C	ASTM D792
Melt Flow (230 C/3.8 kg-1)	5.0 g/10 min	ASTM D1238
Mold Shrink, Linear-Flow	.004 to .006 in/in	ASTM D955
Mechanical	Nominal Values (English)	Test
Tensile Modulus	286000 psi	ASTM D638
Tensile Strength@Yield	5400 psi	ASTM D638
Tensile Strength@Break	4200 psi	ASTM D638
Tensile Elongation@Yld	4.0%	ASTM D638
Tensile Elongation@Break	48%	ASTM D638
Flexural Modulus	257000 psi	ASTM D790
Flexural Strength@Yield	8500 psi	ASTM D790
Impact	Nominal Values (English)	Test
Notched Izod Impact(73F,.125in)	3.30 ft-lb/in	ASTM D256
Hardness	Nominal Values (English)	Test
Rockwell Hardness (R-Scale)	108	ASTM D785
Thermal	Nominal Values (English)	Test
DTUL@264psi-Unannealed(.125in)	163F	ASTM D648
DTUL@66psi-Unannealed(.125in)	188F	ASTM D648
CLTE, Flow	6.7e-005 in/in/F	ASTM D696
Ignition	Nominal Values (English)	Test
Flame Rating-UL(.0590in)	HB	UL 94
(0.1180 in)	HB	UL 94
Optical	Nominal Values (English)	Test
Refractive Index	1.520	ASTM D542
Transmittance	86%	ASTM D1003
Haze	3.0%	ASTM D1003

*Companies around the world trust Pozzetta to create secure environments to handle, store, and transport their valuable products.*

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