



DIAMOND POLYMERS, INC.

ASA/PC
130

UV Stabilized

PROPERTIES	ASTM METHOD	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow Rate - Procedure A Condition (260°C/5 kg)	D-1238	g/10 min	30.0
Specific Gravity	D-792		1.14
Mold Shrinkage	D-955	in/in cm/cm	0.004 - 0.008 0.004 - 0.008
Rockwell Hardness	D-785	R-Scale	--
IMPACT			
Izod Impact, notched Test Method A (0.125" bar)	D-256	ft-lb/in J/m	8.0 427
FLEXURAL			
Flexural Modulus - Procedure B Test Method I (chs 0.05 in/min)	D-790	psi MPa	362,000 2,497
TENSILE			
Tensile Yield Strength chs 2 in/min	D-638	psi MPa	8,900 61
THERMAL			
Heat Deflection Temperature Unannealed/Conditioned 48 hours @ 23°C (73°F) 0.250" bar @ 0.45 Mpa (66 psi)	D-648	°F °C	250 121
0.250" bar @ 1.8 Mpa (264 psi)		°F °C	218 103
Vicat Softening Point, 0.125", 1 Kg	D-1525	°F °C	279 137
FLAMMABILITY RATING			
Minimum thickness 1.5 mm / 0.0625 in / 1/16"	UL 94		--

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