



PCABS

Property	Test Method	Units	General Purpose		Flame Retardant	
			4110	4120	4510	4520
			Standard Flow	Higher Flow	Standard Flow	Higher Flow
Specific Gravity	D-792	g/cc	1.15	1.15	1.18	1.18
Melt Flow Rate 250°C/5kg	D-1238	g/10 min	3-14	12-30	25-50	40-60
Mold Shrink, linear flow	D-955	in/in E-3	5-7	5-7	5-7	4-6
Flexural Modulus	D-790	psi	330,000	330,000	375,000	370,000
Flexural Strength	D-790	psi	12,000	12,000	13,500	13,500
Tensile Elongation at Yield	D-638	psi	8,400	8,350	8,400	8,400
Tensile Strength at Break	D-638	psi	8,200	8,150	8,200	8,200
DTUL @ 66 psi	D-648	°F	230	230	190	180
DTUL @ 264 psi	D-648	°F	205	205	180	170
Notched Izod 0.125" @ 72°F	D-256	ft-lb/in.	10.0	10.0	12.0	10.0
UL94 Flame Class*	0.0625 in.	rating	HB	HB	V-0	V-0

* Material is engineered to pass UL94 tests as listed while material has not been tested by Underwriter Laboratories and carries no UL file number.

Data herein is typical and not to be construed as specifications. Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties. Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed. No information supplied by Slingshot Plastics Corporation constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon Slingshot Plastics Corporation or supplier or other customer experience. Slingshot Plastics Corporation makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful, and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patent