

# JEM PC/ABS A28-153L

## PRODUCT DESCRIPTION

Jabil's A28-153L PC/ABS is a high performance flame retardant blend of PC/ABS. This blend was designed to deliver exceptional performance and safety for a wide range of applications including consumer electronics and small appliance.

Jabil's flame retardant PC/ABS blend has been infused with a unique flame retardant formula that enhances its already impressive properties. It boasts excellent impact resistance and superior dimensional stability, providing the utmost protection to your products, even in the harshest of environments.

Jabil's blend is easy to process with injection molding machines, and it is compatible with a wide range of processing conditions, thus ensuring consistency and reliability throughout the production process. It can be customized to meet your specific needs, whether you require a high-gloss or matte finish, or a specific color match.

## PROPERTIES

### MECHANICAL PROPERTIES

	Test Condition	Typical Values	Method
Yield Strength (MPa)	Ambient	61	ASTM D638, Type I
Tensile Elongation at Break (%)	Ambient	>110	ASTM D638, Type I
Tensile Modulus (MPa)	Ambient	2400	ASTM D638, Type I
Flexural Strength (MPa)	Ambient	93	ASTM D790
Flexural Modulus (MPa)	Ambient	2500	ASTM D790
Izod Impact, notched (J/m)	Ambient	>740	ASTM D256

### THERMAL PROPERTIES

	Test Condition	Typical Values	Method
UL94 Vertical Burn	1.5 mm	V0	Internal
UL94 Surface Burn	3 mm	5VA	Internal

**OTHER PHYSICAL PROPERTIES**

	Test Condition	Typical Values	Method
Specific gravity (g/cm <sup>3</sup> )	Ambient	1.19	ASTM D792
MFR (g/10 min)	260C / 5 kg	17	ASTM D1238

\*Burn properties are highly dependent upon printer settings and part geometry. Suitability for an application is the responsibility of the user.

"Disclaimer: The information in this technical data sheet, including material properties, are obtained from testing representative samples under carefully controlled conditions and are provided for reference only. Material properties may be impacted by storage, handling, processing equipment/parameters, and product design, among other factors. The information is not a substitute for user testing to determine fitness for any specific use and the user is responsible for ensuring safe and lawful use of the product.

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