

# JEM PC/ABS A28-152D

## PRODUCT DESCRIPTION

Jabil's A28-152D PC/ABS, a high-performance resin that combines the strength and heat resistance of polycarbonate (PC) with the toughness and impact resistance of acrylonitrile-butadiene-styrene (ABS). This unique blend of materials provides a versatile solution for a wide range of applications.

A28-152D PC/ABS blend boasts excellent mechanical properties, including high tensile strength, impact resistance, and heat resistance. This makes it an ideal choice for applications that require durability and toughness, such as automotive parts, electronics, and household appliances.

Jabil's resin is easy to use with injection molding machines, and its consistent

## PROPERTIES

### MECHANICAL PROPERTIES

Yield Strength (MPa)	Ambient	57	ASTM D638, Type I
Tensile Elongation at Break (%)	Ambient	>100	ASTM D638, Type I
Tensile Modulus (MPa)	Ambient	2600	ASTM D638, Type I
Flexural Strength (MPa)	Ambient	83	ASTM D790
Flexural Modulus (MPa)	Ambient	2250	ASTM D790
Izod Impact, notched (J/m)	Ambient	>770	ASTM D256

### THERMAL PROPERTIES

	T <sub>g</sub>	M <sub>d</sub>
Heat Deflection Temperature (°C)	0.455 Mpa	DMA
Heat Deflection Temperature (°C)	1.82 Mpa	DMA

## OTHER PHYSICAL PROPERTIES

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Specific gravity (g/cm<sup>3</sup>)

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