



# ABS (PX215)

## Alternative Designations

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## Key Features

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Excellent flowability • Good dimensional stability and heat resistance

## Description

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The material is the combination of unrefinorced polycarbonates and ABS. It is extensively used by the manufacturers to produce top-quality impact resistant products such as helmet shells, wheel covers, camera parts, I/P core panels, etc. The material provides excellent dimensional stability and toughness. It is also UV stabilized for better weather resistance. ABS PC215 is generally used for injection molding and vacuum casting.

## Mechanical Properties

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Tensile strength	58.8 MPa
Elongation at break	120%
Flexural strength	83.3 MPa
Flexural modulus	2.45 GPa
Hardness (Shore D)	120

## Thermal Properties

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Melting temperature (20°C/min)	240 – 250°C
Heat deflection temperature (1.80 MPa)	118°C

## Physical Properties

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Density	1.14 g/cm <sup>3</sup>
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## Reference

*ZartLink is The Global First FairPrice Flex Manufacturing Platform for Future. From rapid prototyping to production, provide global clients quality parts with cheaper prices.*