



## Material Data Sheet

<b>Product:</b> Acrylonitrile-styrene-acrylate	<b>Base Material:</b> Film
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### Description

Acrylonitrile-styrene-acrylate (ASA) is a medium impact low gloss resin with good resistance to weather aging. ASA has good melt strength for extrusion and thermoforming.

### Typical Properties

<u>General Properties</u>	<u>Test Method</u>	<u>Unit</u>	<u>Value</u>
<b>Specific Gravity</b>	D-792	-	1.05
<b><u>Mechanical Properties</u></b>			
<b>Tensile Elongation at Break</b> 73 °F (23 °C) 0 °F (-18 °C)	D-638	%	50 40
<b>Tensile Modulus</b> 73 °F (23 °C) 0 °F (-18 °C)	D-638	lb/in <sup>2</sup>	210,000 260,000
<b>Flexural Modulus</b> 73 °F (23 °C) 0 °F (-18 °C)	D-638	lb/in <sup>2</sup>	200,000 220,000

The information presented in this publication is believed to be accurate and is not intended to constitute a specification. The values given reflect average material characteristics and may vary slightly between base suppliers. Users should evaluate the material to determine the suitability for their own particular application.

#### Base on terms and conditions

Seller's only obligation shall be to replace such quantity of the product proven to be defective. Seller shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use, or inability to use the product for his/her use, and the user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed, except by an agreement signed by an officer or seller. We hereby certify that goods covered by this quotation have been produced in compliance with the Fair Labor Standards Act of 1983, as amended. Any credit memos to purchaser shall expire if not used within one year from date of credit memo.

