



**NIRVANA PLASTIX**  
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## Technical datasheet for: ABS/ASA

**Description** ABS/ASA is a coextruded sheet comprised of an impact-modified, high gloss or matt ASA cap over a high impact ABS core. This product is designed to offer a sheet that provides the impact toughness & outdoor weather resistance of ASA, with the ease of processing & bonding of ABS.

**Applications** Interior & exterior panels, dashes, consoles, covers, shrouds

PROPERTY	TYPICAL VALUE <sup>1</sup>	UNITS	TEST METHOD
Specific Gravity	1.05		ISO 1183
Gloss, 60° (smooth, post-formed, male tooling)	90 - 100	%	ASTM 523
Shrink Rate	0.5 – 0.7	%	ISO 294-4
Flexural Modulus	353,000 2,434	psi MPa	ASTM D790
Tensile Strength at Yield	6,228 42.9	psi MPa	ASTM D638
Gardner Impact at 73°F (23°C)	320 (36)	in*lbs (Joules)	ASTM D5420
Notched Izod Impact at 73°F (23°C) at 0°F (-18°C)	7.5 2.7	ft*lb/in	ASTM D256
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	203 (95) 180 (82)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	4.8 x 10 <sup>-5</sup> 8.6 x 10 <sup>-5</sup>	in/in/°F mm/mm/°C	ISO 11359

Property values tested on co-extruded sheet, 0.187" thick, 10% cap layer, up to 30% regrind used

**NOTE:** Data values are typical properties and are not to be construed as specifications. Users should confirm results by their own tests and evaluation methods. There are no warranties, expressed or implied, concerning the suitability of use. No freedom from infringement of any patent of others is to be inferred. The manufacturer reserves the right to make additions, deletions, or modifications to this information at any time without prior notification.