

# API II ABS 920

Acrylonitrile Butadiene Styrene

API II, Inc.

## Message:

Product Description:

API II ABS 920 is an easy flowing, general purpose, high gloss, injection molding /extrusion grade with good resistance to impact and heat distortion.

General Information	
Features	Highlight
	Impact resistance, good
	Good liquidity
	General
Uses	General
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D892
Melt Mass-Flow Rate (MFR)			ASTM D1238
200°C/5.0 kg	3.0	g/10 min	ASTM D1238
230°C/3.8 kg	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2480	MPa	ASTM D638
Tensile Strength (Yield)	44.1	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	240	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	96.7	°C	ASTM D648
Vicat Softening Temperature	95.0	°C	ASTM D1525

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